

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_G\DATA\BG011819\  
 Data File : BG039220.D  
 Acq On : 18 Jan 2019 17:56  
 Operator : JU/SJ  
 Sample : PB116481BSD  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB116481BSD

Quant Time: Jan 18 21:56:24 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG010919.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jan 18 04:20:14 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.00  | 152  | 12525    | 20.00 | ng    | -0.01    |
| 21) Naphthalene-d8        | 10.82 | 136  | 52479    | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.65 | 164  | 37548    | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.40 | 188  | 103302   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.68 | 240  | 106407   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 24.93 | 264  | 111312   | 20.00 | ng    | -0.02    |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 5) 2-Fluorophenol           | 5.56  | 112  | 101498   | 153.72 | ng    | 0.00     |
| 7) Phenol-d6                | 7.17  | 99   | 141336   | 148.74 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.19  | 82   | 76004    | 79.25  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.14 | 330  | 86324    | 137.15 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl        | 13.27 | 172  | 222944   | 81.26  | ng    | 0.00     |
| 79) Terphenyl-d14           | 20.00 | 244  | 466897   | 81.17  | ng    | 0.00     |

| Target Compounds               | R.T.  | QIon | Response | Conc   | Units | Qvalue |
|--------------------------------|-------|------|----------|--------|-------|--------|
| 2) 1,4-Dioxane                 | 3.43  | 88   | 15716    | 60.783 | ng    | 92     |
| 3) Pyridine                    | 3.84  | 79   | 28793    | 40.983 | ng    | 96     |
| 4) n-Nitrosodimethylamine      | 3.76  | 42   | 16268    | 51.457 | ng    | 93     |
| 6) Aniline                     | 7.33  | 93   | 37296    | 32.683 | ng    | 97     |
| 8) 2-Chlorophenol              | 7.58  | 128  | 36247    | 46.571 | ng    | 96     |
| 9) Benzaldehyde                | 7.15  | 77   | 10283    | 18.765 | ng    | 94     |
| 10) Phenol                     | 7.20  | 94   | 44594    | 46.810 | ng    | 96     |
| 11) bis(2-Chloroethyl)ether    | 7.43  | 93   | 29551    | 40.586 | ng    | 99     |
| 12) 1,3-Dichlorobenzene        | 7.89  | 146  | 37396    | 40.103 | ng    | 99     |
| 13) 1,4-Dichlorobenzene        | 8.04  | 146  | 38153    | 40.398 | ng    | 96     |
| 14) 1,2-Dichlorobenzene        | 8.36  | 146  | 36300    | 40.312 | ng    | 97     |
| 15) Benzyl Alcohol             | 8.25  | 79   | 31912    | 44.596 | ng    | 95     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.53  | 45   | 56784    | 40.672 | ng    | 98     |
| 17) 2-Methylphenol             | 8.45  | 107  | 31045    | 46.932 | ng    | 94     |
| 18) Hexachloroethane           | 9.08  | 117  | 13289    | 41.418 | ng    | 93     |
| 19) n-Nitroso-di-n-propylamine | 8.82  | 70   | 24665    | 39.529 | ng    | 96     |
| 20) 3+4-Methylphenols          | 8.78  | 107  | 42945    | 45.535 | ng    | 97     |
| 22) Acetophenone               | 8.84  | 105  | 51034    | 37.238 | ng    | # 95   |
| 24) Nitrobenzene               | 9.23  | 77   | 38799    | 40.024 | ng    | 98     |
| 25) Isophorone                 | 9.74  | 82   | 72943    | 44.154 | ng    | 98     |
| 26) 2-Nitrophenol              | 9.94  | 139  | 20820    | 39.707 | ng    | 95     |
| 27) 2,4-Dimethylphenol         | 9.99  | 122  | 37056    | 50.234 | ng    | 90     |
| 28) bis(2-Chloroethoxy)methane | 10.23 | 93   | 41105    | 41.400 | ng    | 97     |
| 29) 2,4-Dichlorophenol         | 10.47 | 162  | 43805    | 47.800 | ng    | 94     |
| 30) 1,2,4-Trichlorobenzene     | 10.68 | 180  | 42982    | 39.035 | ng    | 97     |
| 31) Naphthalene                | 10.88 | 128  | 111171   | 42.237 | ng    | 100    |
| 32) Benzoic acid               | 10.15 | 122  | 16686    | 38.987 | ng    | 93     |
| 33) 4-Chloroaniline            | 11.00 | 127  | 25549    | 21.693 | ng    | 95     |
| 34) Hexachlorobutadiene        | 11.14 | 225  | 29364    | 38.756 | ng    | 97     |
| 35) Caprolactam                | 11.78 | 113  | 6580     | 17.905 | ng    | 96     |
| 36) 4-Chloro-3-methylphenol    | 12.11 | 107  | 44432    | 45.331 | ng    | 90     |
| 37) 2-Methylnaphthalene        | 12.48 | 142  | 87275    | 44.227 | ng    | 97     |
| 38) 1-Methylnaphthalene        | 12.70 | 142  | 83241    | 43.947 | ng    | 99     |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.84 | 216  | 55883    | 39.629 | ng    | 98     |

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 Sample : PB116481BSD  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

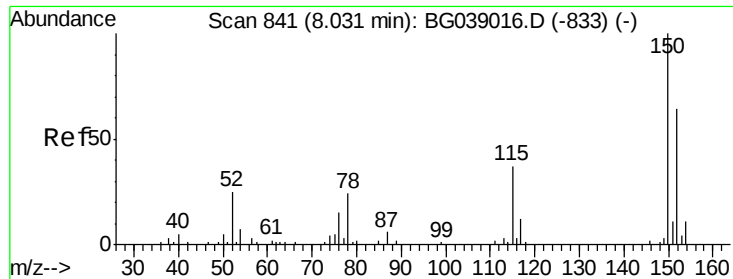
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB116481BSD

Quant Time: Jan 18 21:56:24 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG010919.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jan 18 04:20:14 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.80 | 237  | 65531    | 82.332 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol      | 13.09 | 196  | 40229    | 45.328 | ng    | 99       |
| 44) 2,4,5-Trichlorophenol      | 13.16 | 196  | 43906    | 46.807 | ng    | 98       |
| 46) 1,1'-Biphenyl              | 13.48 | 154  | 119680   | 40.226 | ng    | 100      |
| 47) 2-Chloronaphthalene        | 13.53 | 162  | 97674    | 40.568 | ng    | 97       |
| 48) 2-Nitroaniline             | 13.75 | 65   | 30150    | 44.699 | ng    | 99       |
| 49) Acenaphthylene             | 14.37 | 152  | 163381   | 45.148 | ng    | 99       |
| 50) Dimethylphthalate          | 14.10 | 163  | 140449   | 44.264 | ng    | 100      |
| 51) 2,6-Dinitrotoluene         | 14.24 | 165  | 30165    | 42.522 | ng    | 97       |
| 52) Acenaphthene               | 14.71 | 154  | 91774    | 42.209 | ng    | 97       |
| 53) 3-Nitroaniline             | 14.57 | 138  | 18694    | 25.977 | ng    | 99       |
| 54) 2,4-Dinitrophenol          | 14.79 | 184  | 37085    | 86.938 | ng    | 97       |
| 55) Dibenzofuran               | 15.05 | 168  | 160789   | 41.872 | ng    | 100      |
| 56) 4-Nitrophenol              | 14.88 | 139  | 46970    | 90.711 | ng    | 97       |
| 57) 2,4-Dinitrotoluene         | 15.03 | 165  | 43747    | 42.984 | ng    | # 95     |
| 58) Fluorene                   | 15.70 | 166  | 131335   | 45.437 | ng    | 95       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.28 | 232  | 42040    | 47.478 | ng    | 98       |
| 60) Diethylphthalate           | 15.45 | 149  | 143458   | 43.882 | ng    | 100      |
| 61) 4-Chlorophenyl-phenylether | 15.68 | 204  | 74421    | 40.868 | ng    | 98       |
| 62) 4-Nitroaniline             | 15.74 | 138  | 31858    | 42.496 | ng    | 98       |
| 63) Azobenzene                 | 15.98 | 77   | 106072   | 41.490 | ng    | 97       |
| 65) 4,6-Dinitro-2-methylphenol | 15.78 | 198  | 29212    | 38.170 | ng    | 95       |
| 66) n-Nitrosodiphenylamine     | 15.90 | 169  | 119737   | 39.099 | ng    | 96       |
| 67) 4-Bromophenyl-phenylether  | 16.58 | 248  | 51928    | 39.105 | ng    | 98       |
| 68) Hexachlorobenzene          | 16.69 | 284  | 54734    | 37.774 | ng    | 97       |
| 69) Atrazine                   | 16.85 | 200  | 51113    | 39.289 | ng    | 96       |
| 70) Pentachlorophenol          | 17.05 | 266  | 54949    | 62.728 | ng    | 96       |
| 71) Phenanthrene               | 17.44 | 178  | 229465   | 42.025 | ng    | 98       |
| 72) Anthracene                 | 17.53 | 178  | 246994   | 45.751 | ng    | 99       |
| 73) Carbazole                  | 17.81 | 167  | 206365   | 38.721 | ng    | 99       |
| 74) Di-n-butylphthalate        | 18.34 | 149  | 241521   | 40.736 | ng    | 98       |
| 75) Fluoranthene               | 19.45 | 202  | 292920   | 43.274 | ng    | 99       |
| 77) Benzidine                  | 19.64 | 184  | 114172   | 35.080 | ng    | 99       |
| 78) Pyrene                     | 19.81 | 202  | 289665   | 42.716 | ng    | 99       |
| 80) Butylbenzylphthalate       | 20.68 | 149  | 106122   | 41.146 | ng    | 98       |
| 81) Benzo(a)anthracene         | 21.65 | 228  | 286765   | 44.271 | ng    | 97       |
| 82) 3,3'-Dichlorobenzidine     | 21.57 | 252  | 64678    | 24.506 | ng    | 99       |
| 83) Chrysene                   | 21.72 | 228  | 262806   | 42.658 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phthalate | 21.52 | 149  | 153009   | 42.726 | ng    | 99       |
| 85) Di-n-octyl phthalate       | 22.73 | 149  | 259739   | 42.893 | ng    | 98       |
| 86) Indeno(1,2,3-cd)pyrene     | 28.67 | 276  | 324608   | 44.096 | ng    | # 96     |
| 88) Benzo(b)fluoranthene       | 23.89 | 252  | 280475   | 45.697 | ng    | 98       |
| 89) Benzo(k)fluoranthene       | 23.96 | 252  | 276514   | 45.565 | ng    | 100      |
| 90) Benzo(a)pyrene             | 24.78 | 252  | 269659   | 45.454 | ng    | 98       |
| 91) Dibenzo(a,h)anthracene     | 28.73 | 278  | 267178   | 45.277 | ng    | 99       |
| 92) Benzo(g,h,i)perylene       | 29.86 | 276  | 269436   | 46.121 | ng    | 97       |

(#) = qualifier out of range (m) = manual integration (+) = signals summed



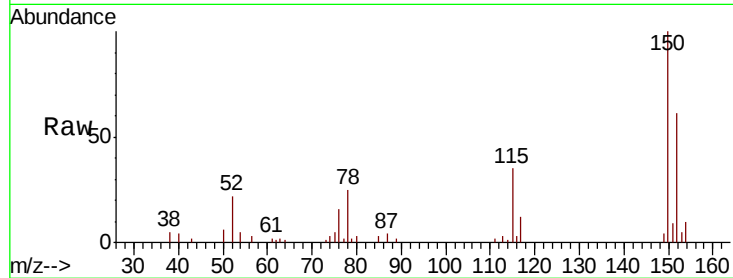


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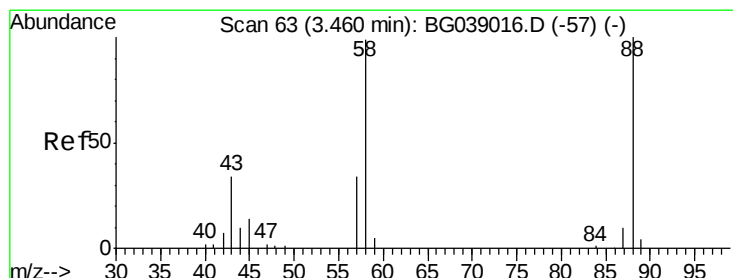
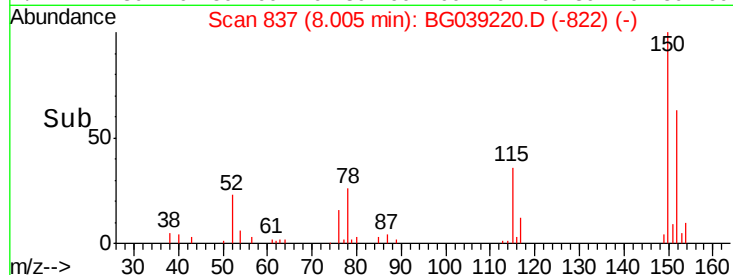
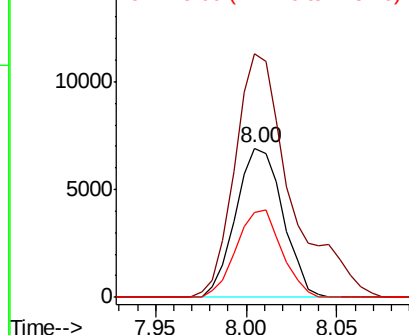
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.00 min Scan# 837  
Delta R.T. -0.01 min  
Lab File: BG039220.D  
Acq: 18 Jan 2019 17:56

Instrument :  
BNA\_G  
ClientSampleId :  
PB116481BSD

Tgt Ion:152 Resp: 12525  
Ion Ratio Lower Upper  
152 100  
150 162.9 124.7 187.1  
115 57.1 46.5 69.7



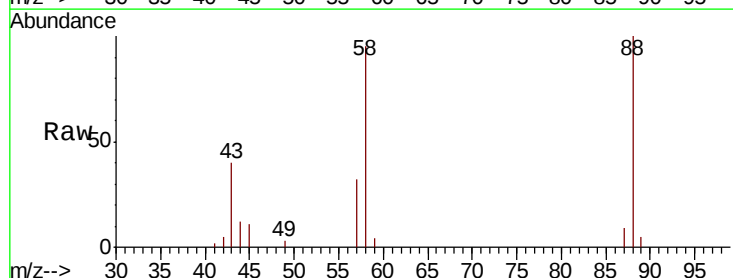
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



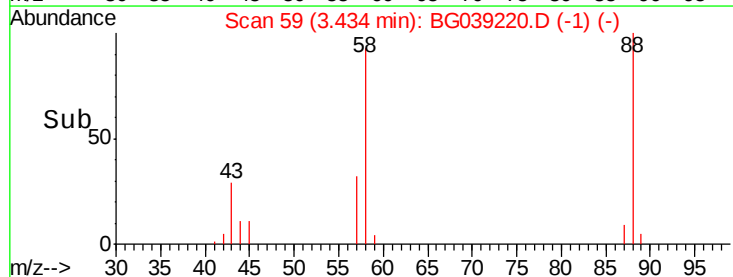
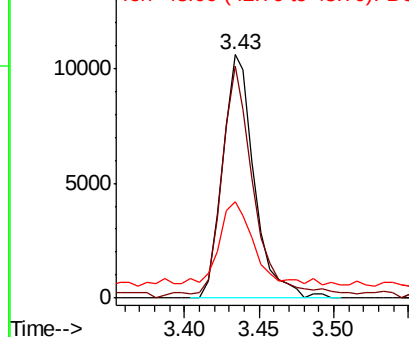
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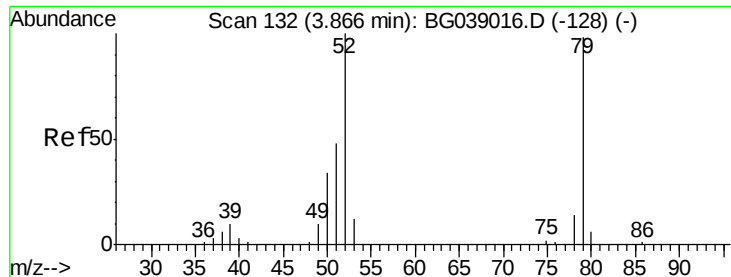
1,4-Dioxane  
Concen: 60.783 ng  
RT: 3.43 min Scan# 59  
Delta R.T. -0.01 min  
Lab File: BG039220.D  
Acq: 18 Jan 2019 17:56

Tgt Ion: 88 Resp: 15716  
Ion Ratio Lower Upper  
88 100  
58 100.0 72.4 108.6  
43 35.5 27.6 41.4



Abundance Ion 88.00 (87.70 to 88.70): BGC  
Ion 58.00 (57.70 to 58.70): BGC  
Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 40.983 ng

RT: 3.84 min Scan# 128

Delta R.T. -0.01 min

Lab File: BG039220.D

Acq: 18 Jan 2019 17:56

Instrument :

BNA\_G

ClientSampleId :

PB116481BSD

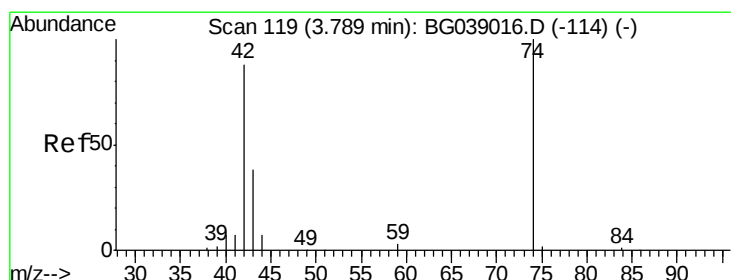
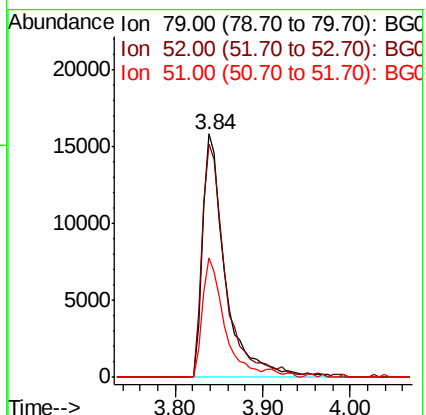
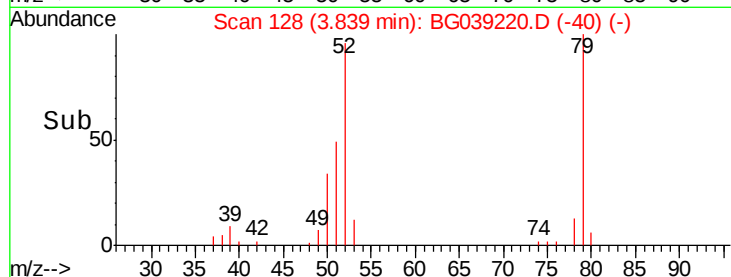
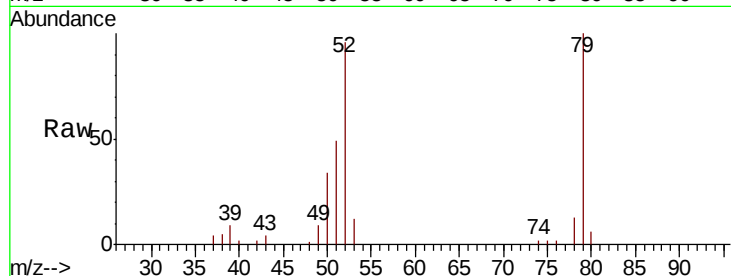
Tgt Ion: 79 Resp: 28793

Ion Ratio Lower Upper

79 100

52 96.0 81.5 122.3

51 49.0 39.8 59.6



#4

n-Nitrosodimethylamine

Concen: 51.457 ng

RT: 3.76 min Scan# 115

Delta R.T. -0.01 min

Lab File: BG039220.D

Acq: 18 Jan 2019 17:56

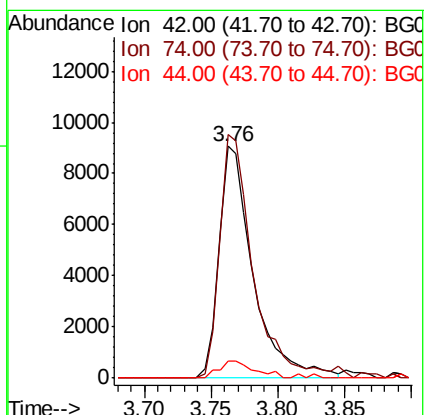
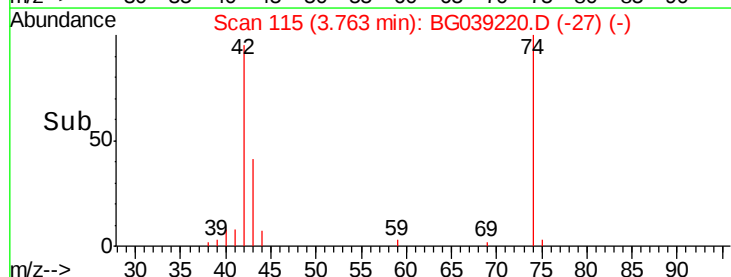
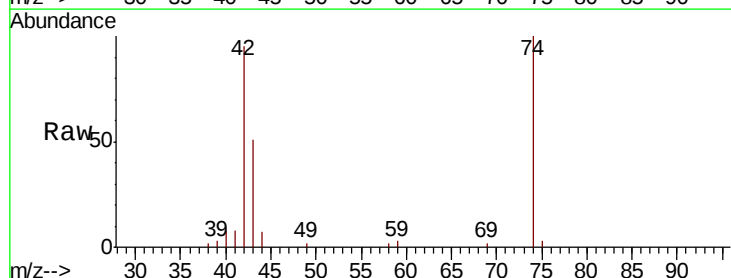
Tgt Ion: 42 Resp: 16268

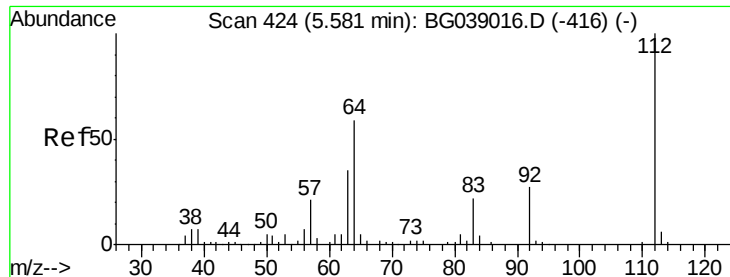
Ion Ratio Lower Upper

42 100

74 105.2 90.7 136.1

44 7.2 6.5 9.7





#5

2-Fluorophenol

Concen: 153.724 ng

RT: 5.56 min Scan# 421

Delta R.T. -0.00 min

Lab File: BG039220.D

Acq: 18 Jan 2019 17:56

Instrument :

BNA\_G

ClientSampleId :

PB116481BSD

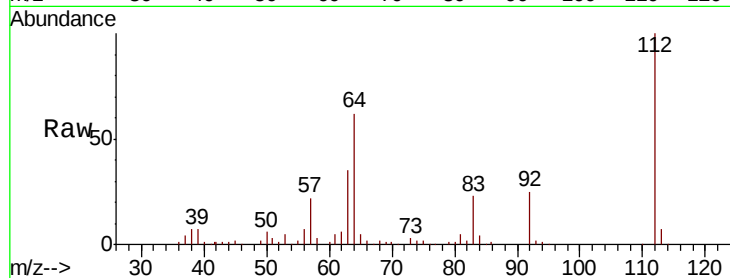
Tgt Ion: 112 Resp: 101498

Ion Ratio Lower Upper

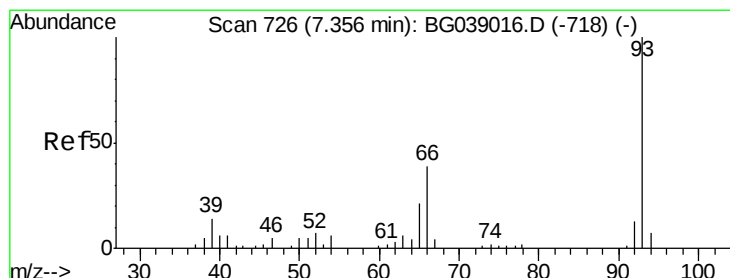
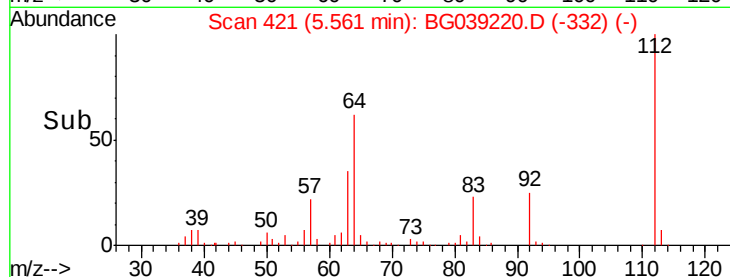
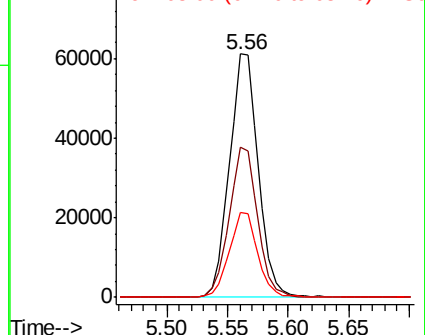
112 100

64 61.7 47.0 70.6

63 35.0 28.0 42.0



Abundance Ion 112.00 (111.70 to 112.70): BGC  
Ion 64.00 (63.70 to 64.70): BGC  
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 32.683 ng

RT: 7.33 min Scan# 723

Delta R.T. -0.01 min

Lab File: BG039220.D

Acq: 18 Jan 2019 17:56

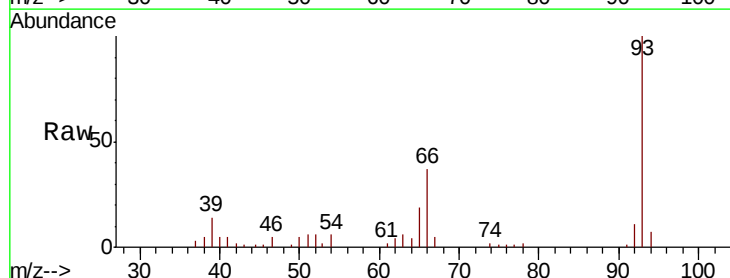
Tgt Ion: 93 Resp: 37296

Ion Ratio Lower Upper

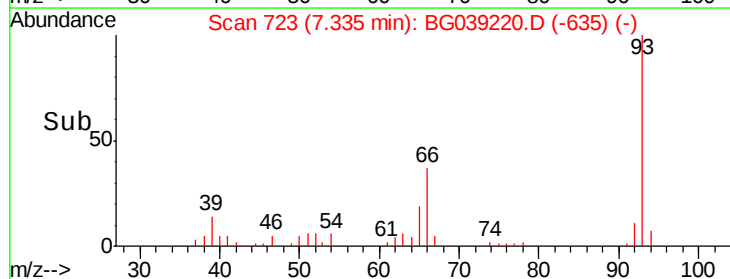
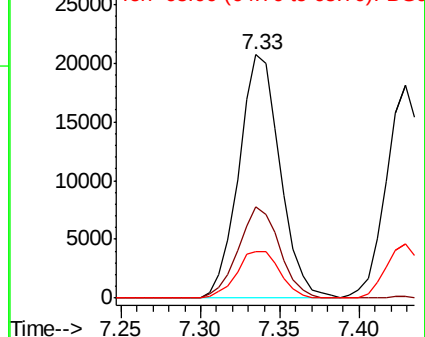
93 100

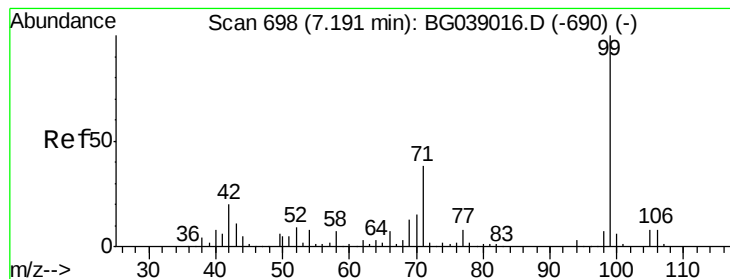
66 37.3 30.9 46.3

65 19.2 17.0 25.4



Abundance Ion 93.00 (92.70 to 93.70): BGC  
Ion 66.00 (65.70 to 66.70): BGC  
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 148.744 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.00 min

Lab File: BG039220.D

Acq: 18 Jan 2019 17:56

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ClientSampleId :

PB116481BSD

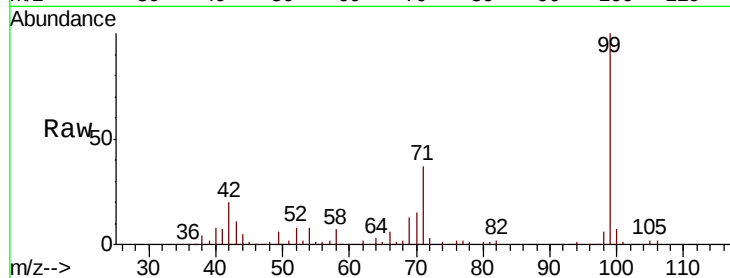
Tgt Ion: 99 Resp: 141336

Ion Ratio Lower Upper

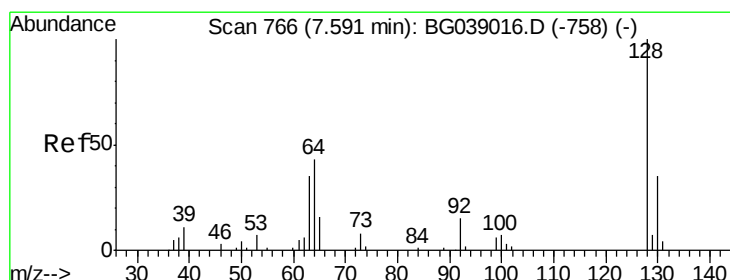
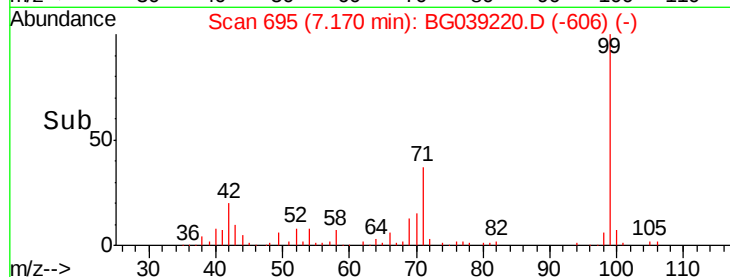
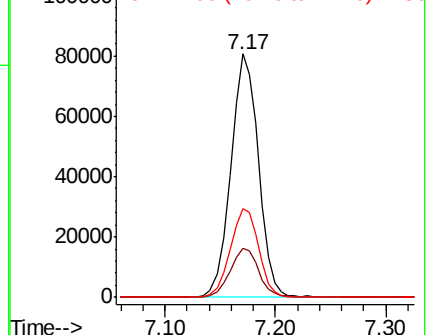
99 100

42 20.4 15.8 23.6

71 36.6 30.2 45.4



Abundance Ion 99.00 (98.70 to 99.70): BGC  
Ion 42.00 (41.70 to 42.70): BGC  
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 46.571 ng

RT: 7.58 min Scan# 764

Delta R.T. 0.00 min

Lab File: BG039220.D

Acq: 18 Jan 2019 17:56

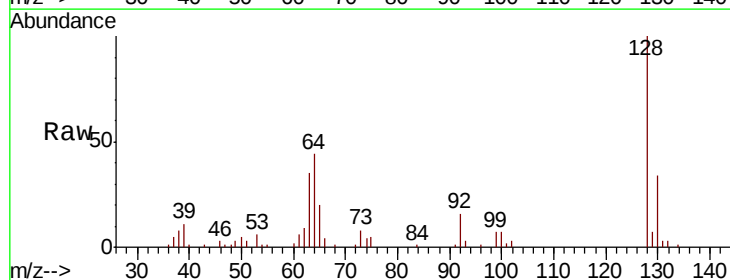
Tgt Ion: 128 Resp: 36247

Ion Ratio Lower Upper

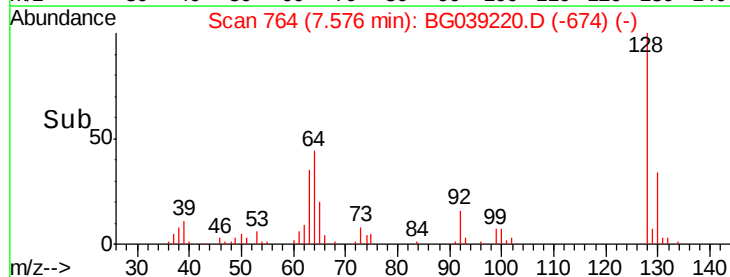
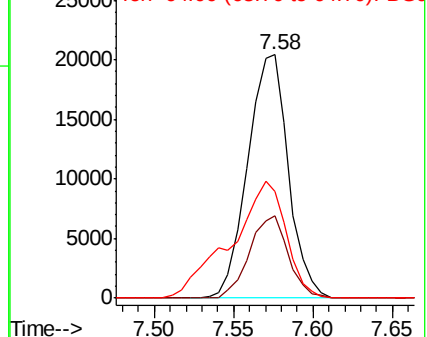
128 100

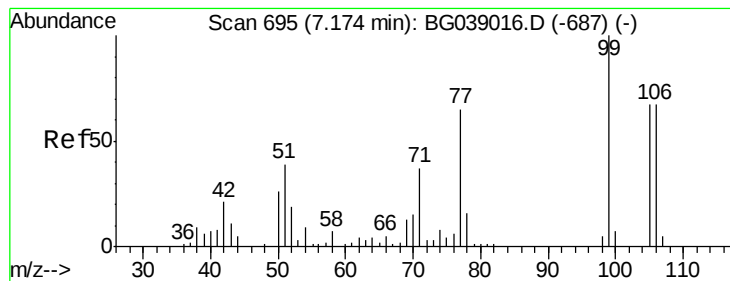
130 33.6 14.5 54.5

64 43.6 27.3 67.3



Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 130.00 (129.70 to 130.70): E  
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 18.765 ng

RT: 7.15 min Scan# 692

Delta R.T. -0.00 min

Lab File: BG039220.D

Acq: 18 Jan 2019 17:56

Instrument :

BNA\_G

ClientSampleId :

PB116481BSD

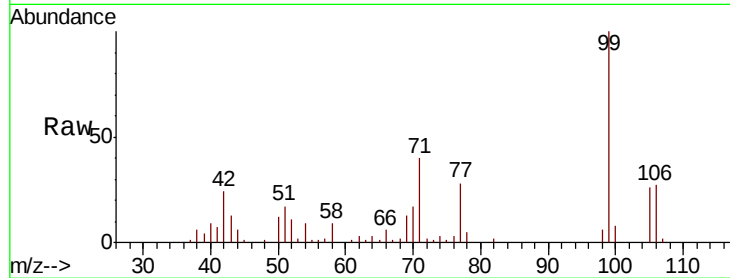
Tgt Ion: 77 Resp: 10283

Ion Ratio Lower Upper

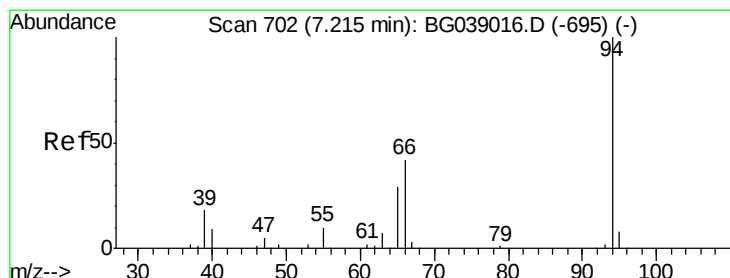
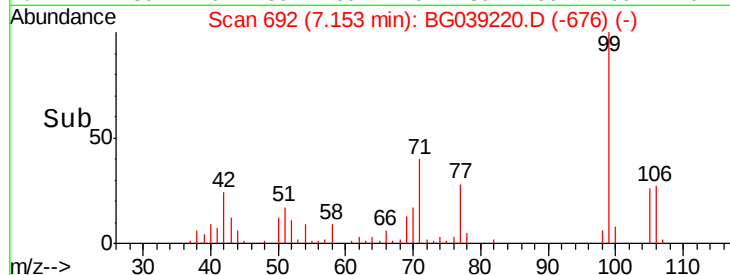
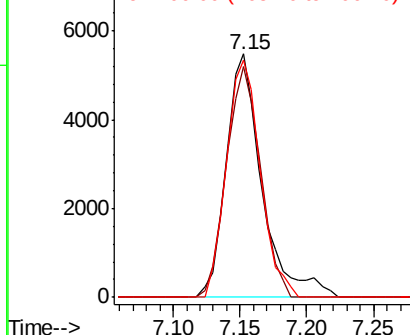
77 100

105 95.0 82.4 122.4

106 97.2 82.8 122.8



Abundance Ion 77.00 (76.70 to 77.70): BGC  
Ion 105.00 (104.70 to 105.70): BGC  
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 46.810 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG039220.D

Acq: 18 Jan 2019 17:56

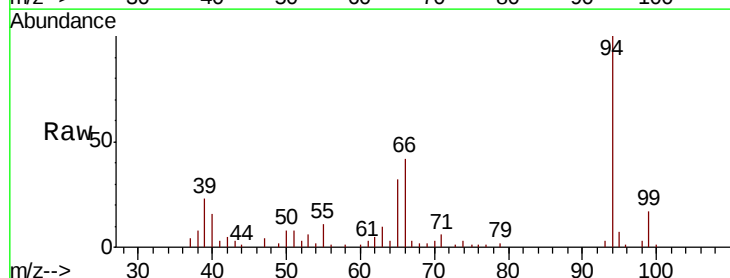
Tgt Ion: 94 Resp: 44594

Ion Ratio Lower Upper

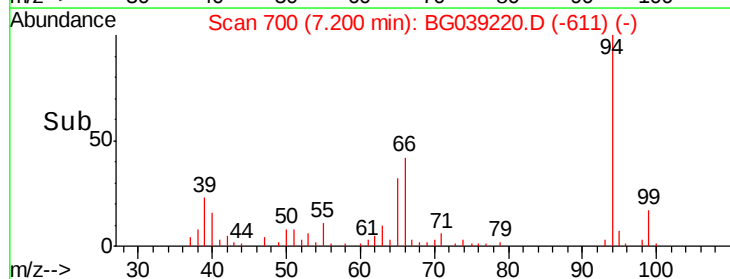
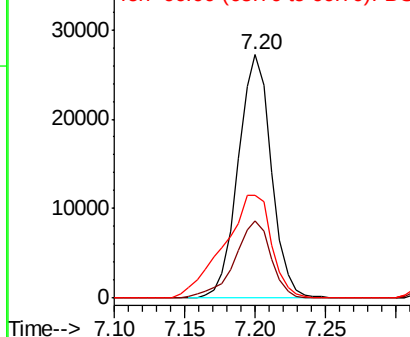
94 100

65 31.9 10.3 50.3

66 42.5 25.1 65.1



Abundance Ion 94.00 (93.70 to 94.70): BGC  
Ion 65.00 (64.70 to 65.70): BGC  
Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 40.586 ng

RT: 7.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BG039220.D

Acq: 18 Jan 2019 17:56

Instrument :

BNA\_G

ClientSampleId :

PB116481BSD

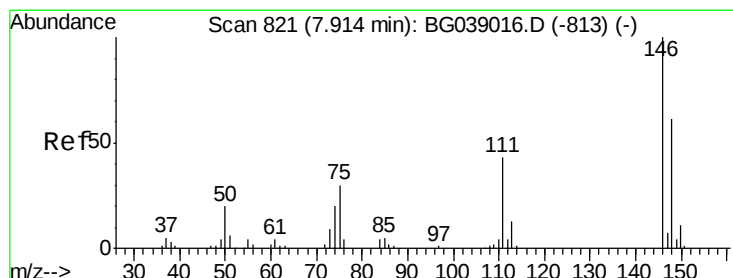
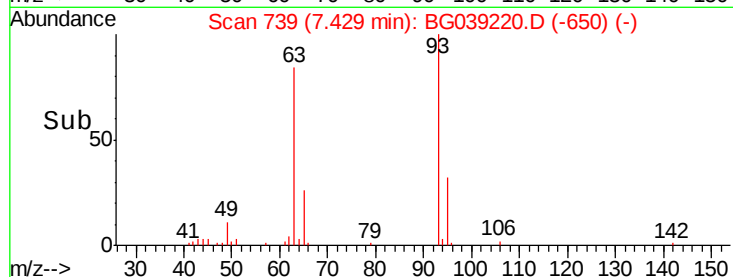
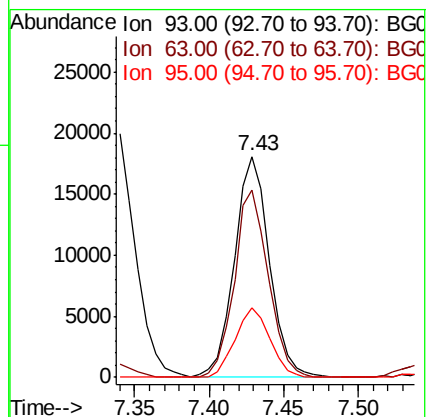
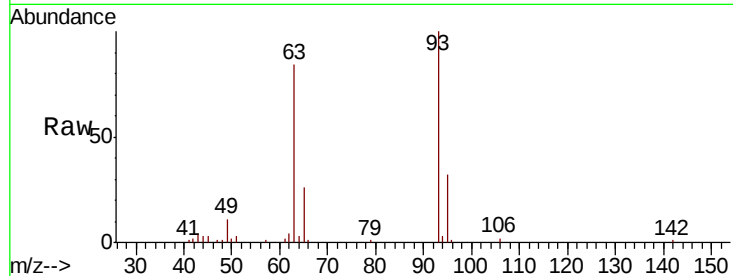
Tgt Ion: 93 Resp: 29551

Ion Ratio Lower Upper

93 100

63 84.5 63.2 103.2

95 31.7 11.2 51.2



#12

1,3-Dichlorobenzene

Concen: 40.103 ng

RT: 7.89 min Scan# 818

Delta R.T. -0.00 min

Lab File: BG039220.D

Acq: 18 Jan 2019 17:56

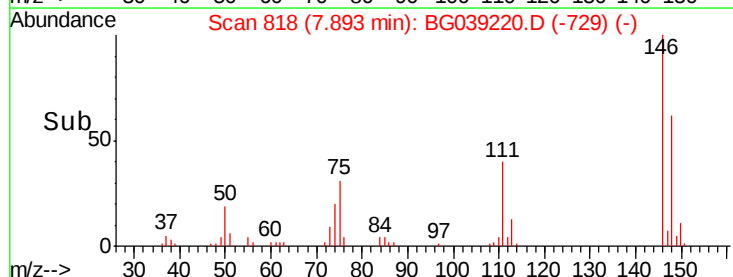
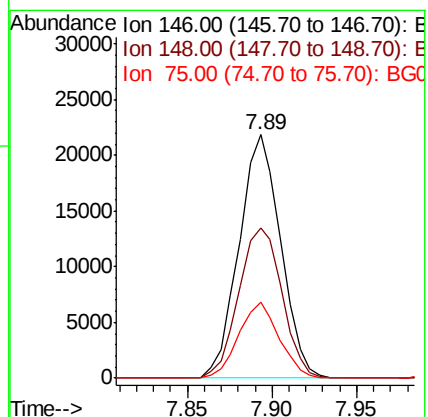
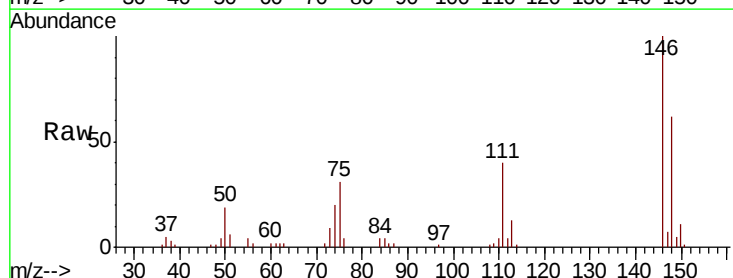
Tgt Ion: 146 Resp: 37396

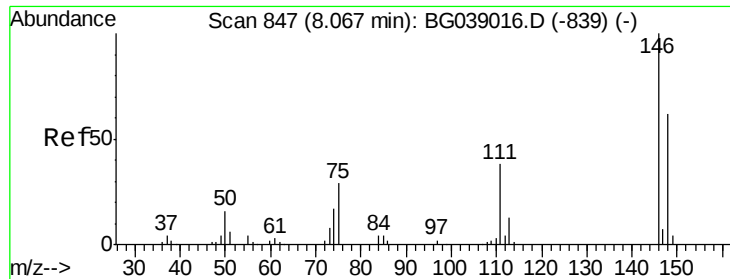
Ion Ratio Lower Upper

146 100

148 61.9 49.1 73.7

75 31.1 23.9 35.9

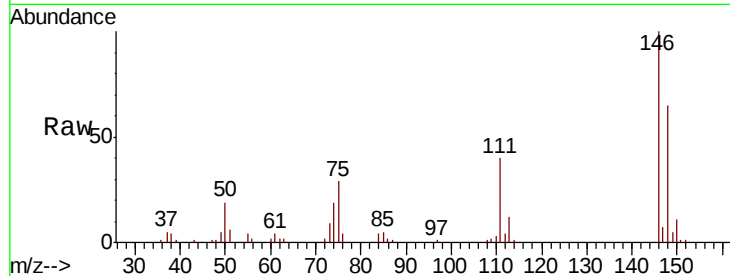




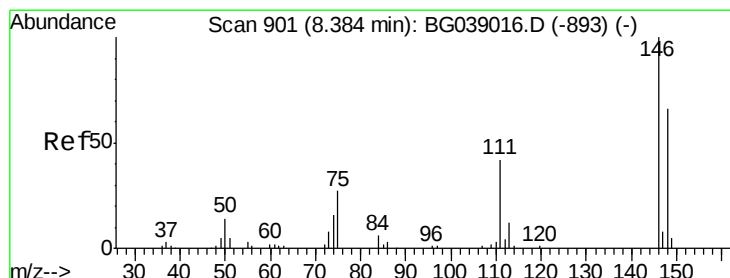
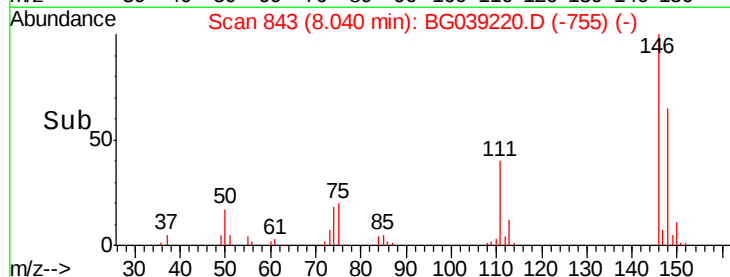
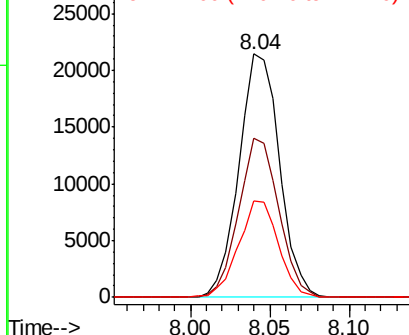
#13  
 1,4-Dichlorobenzene  
 Concen: 40.398 ng  
 RT: 8.04 min Scan# 843  
 Delta R.T. -0.01 min  
 Lab File: BG039220.D  
 Acq: 18 Jan 2019 17:56

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB116481BSD

Tgt Ion:146 Resp: 38153  
 Ion Ratio Lower Upper  
 146 100  
 148 65.3 49.8 74.6  
 111 39.8 30.6 45.8

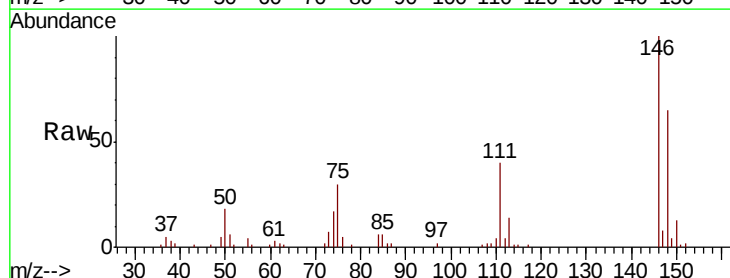


Abundance Ion 146.00 (145.70 to 146.70): E  
 Ion 148.00 (147.70 to 148.70): E  
 Ion 111.00 (110.70 to 111.70): E

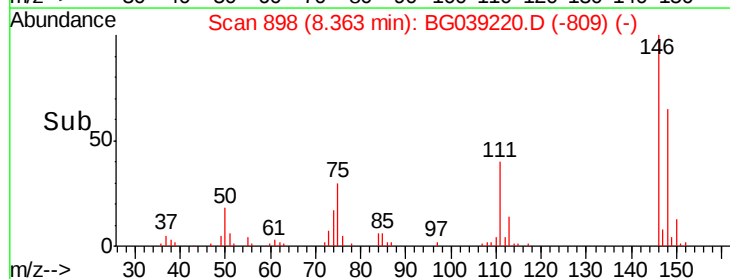
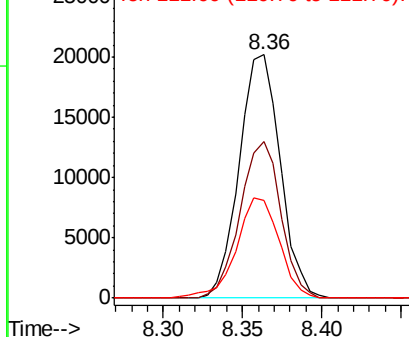


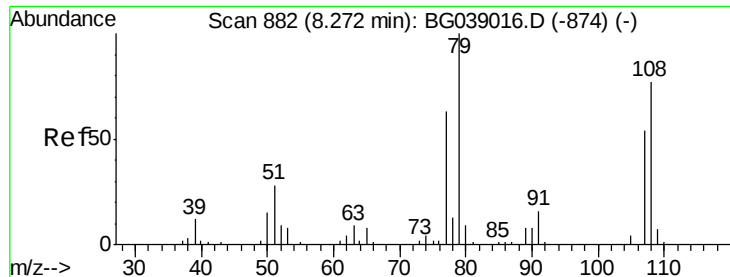
#14  
 1,2-Dichlorobenzene  
 Concen: 40.312 ng  
 RT: 8.36 min Scan# 898  
 Delta R.T. -0.00 min  
 Lab File: BG039220.D  
 Acq: 18 Jan 2019 17:56

Tgt Ion:146 Resp: 36300  
 Ion Ratio Lower Upper  
 146 100  
 148 64.6 52.6 79.0  
 111 39.9 34.6 51.8



Abundance Ion 146.00 (145.70 to 146.70): E  
 Ion 148.00 (147.70 to 148.70): E  
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 44.596 ng

RT: 8.25 min Scan# 879

Delta R.T. -0.01 min

Lab File: BG039220.D

Acq: 18 Jan 2019 17:56

Instrument :

BNA\_G

ClientSampleId :

PB116481BSD

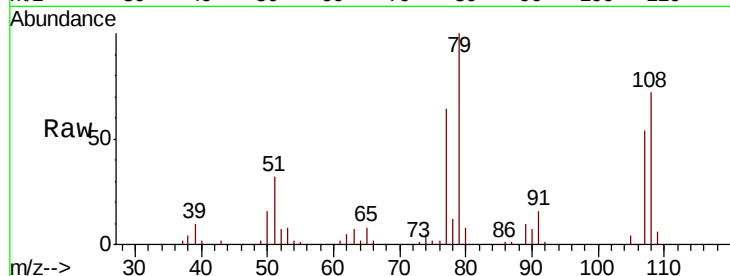
Tgt Ion: 79 Resp: 31912

Ion Ratio Lower Upper

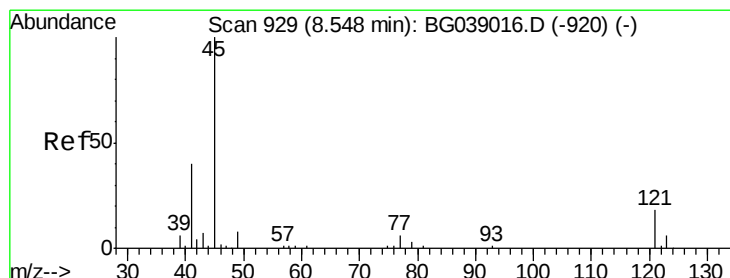
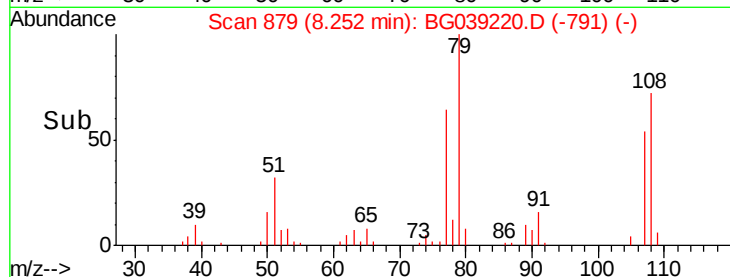
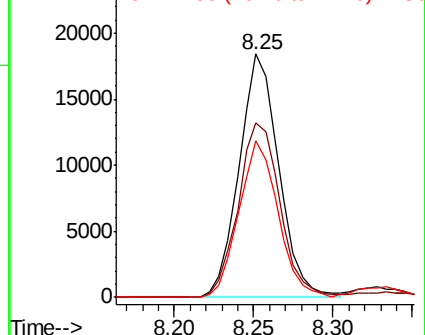
79 100

108 71.8 62.0 93.0

77 64.3 50.1 75.1



Abundance Ion 79.00 (78.70 to 79.70): BGC  
Ion 108.00 (107.70 to 108.70): BGC  
Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.672 ng

RT: 8.53 min Scan# 926

Delta R.T. -0.00 min

Lab File: BG039220.D

Acq: 18 Jan 2019 17:56

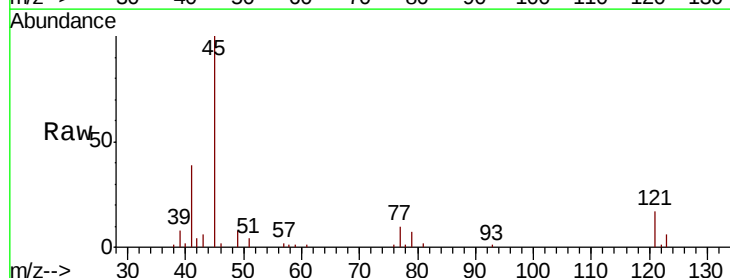
Tgt Ion: 45 Resp: 56784

Ion Ratio Lower Upper

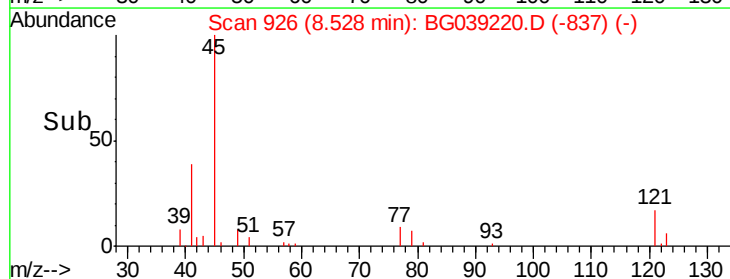
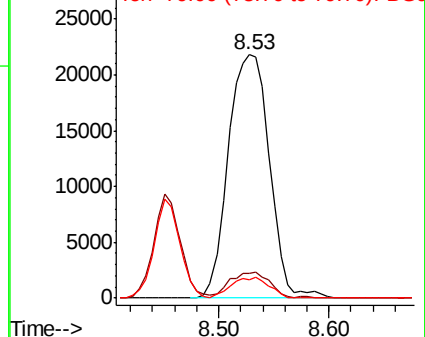
45 100

77 10.0 0.0 30.7

79 7.5 0.0 28.5



Abundance Ion 45.00 (44.70 to 45.70): BGC  
Ion 77.00 (76.70 to 77.70): BGC  
Ion 79.00 (78.70 to 79.70): BGC

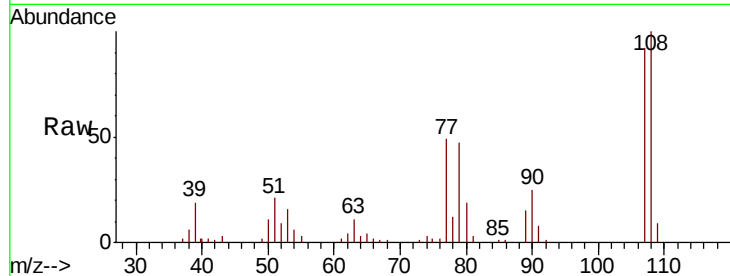




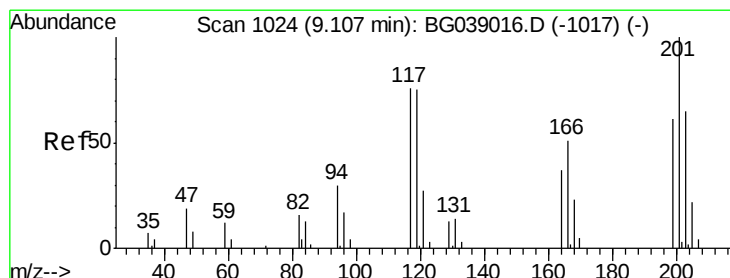
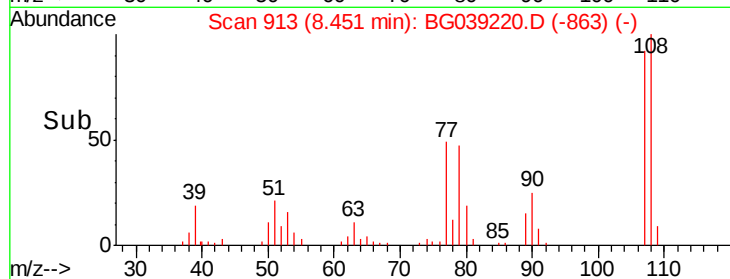
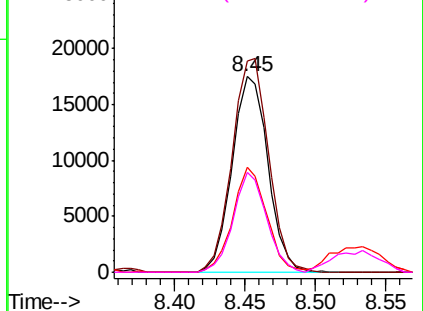
#17  
2-Methylphenol  
Concen: 46.932 ng  
RT: 8.45 min Scan# 913  
Delta R.T. -0.00 min  
Lab File: BG039220.D  
Acq: 18 Jan 2019 17:56

Instrument :  
BNA\_G  
ClientSampleId :  
PB116481BSD

Tgt Ion:107 Resp: 31045  
Ion Ratio Lower Upper  
107 100  
108 108.2 90.3 135.5  
77 53.4 38.3 57.5  
79 51.0 35.8 53.6

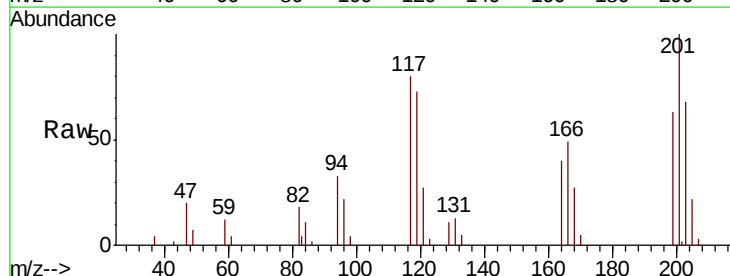


Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 77.00 (76.70 to 77.70): BG  
Ion 79.00 (78.70 to 79.70): BG

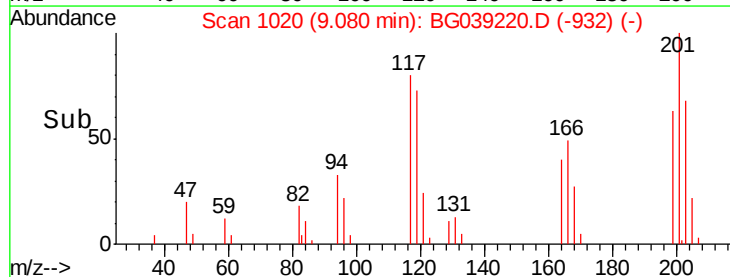
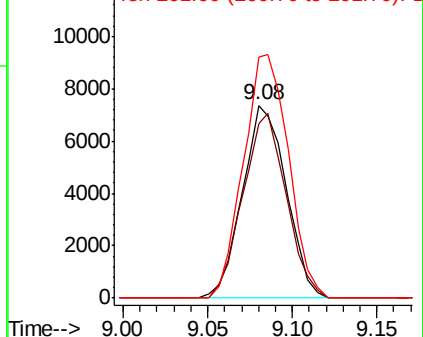


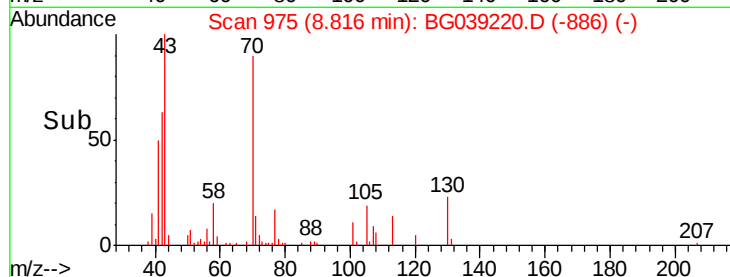
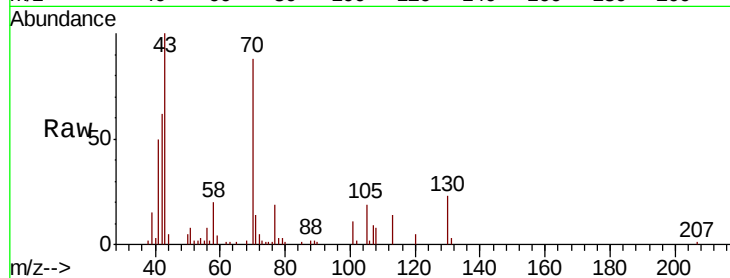
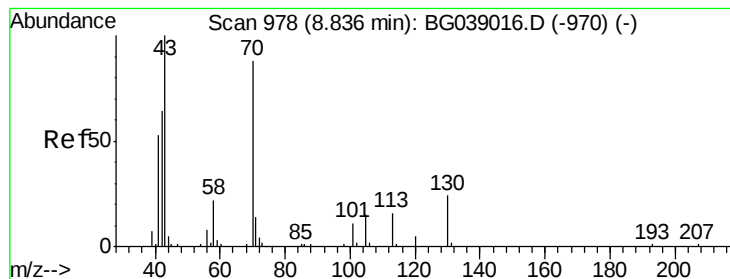
#18  
Hexachloroethane  
Concen: 41.418 ng  
RT: 9.08 min Scan# 1020  
Delta R.T. -0.01 min  
Lab File: BG039220.D  
Acq: 18 Jan 2019 17:56

Tgt Ion:117 Resp: 13289  
Ion Ratio Lower Upper  
117 100  
119 91.0 78.7 118.1  
201 127.9 108.1 162.1



Abundance Ion 117.00 (116.70 to 117.70): E  
Ion 119.00 (118.70 to 119.70): E  
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 39.529 ng

RT: 8.82 min Scan# 975

Delta R.T. -0.00 min

Lab File: BG039220.D

Acq: 18 Jan 2019 17:56

Instrument :

BNA\_G

ClientSampleId :

PB116481BSD

Tgt Ion: 70 Resp: 24665

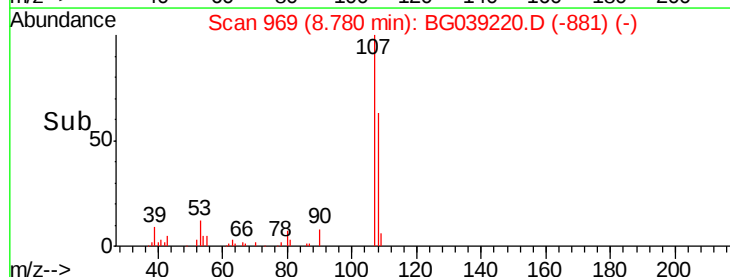
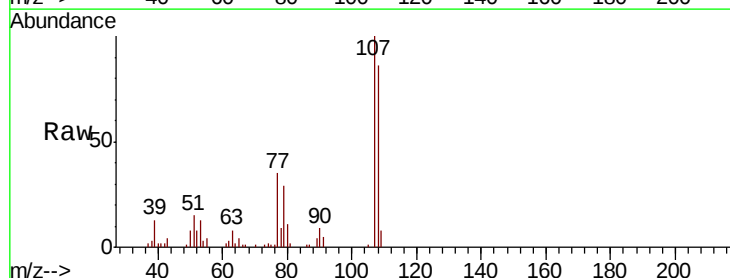
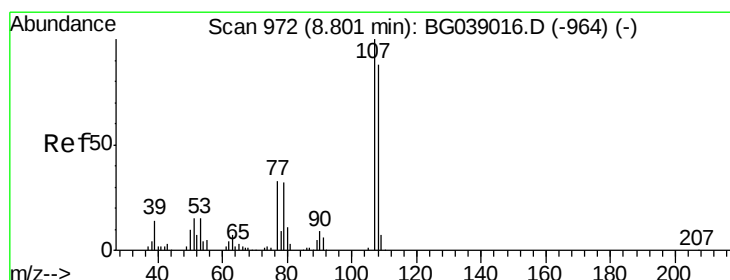
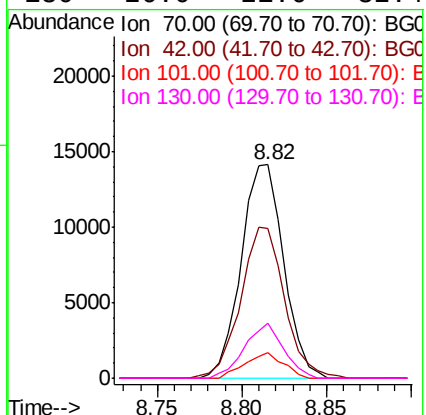
Ion Ratio Lower Upper

70 100

42 70.0 59.0 88.4

101 11.9 10.4 15.6

130 26.0 21.6 32.4



#20

3+4-Methylphenols

Concen: 45.535 ng

RT: 8.78 min Scan# 969

Delta R.T. -0.01 min

Lab File: BG039220.D

Acq: 18 Jan 2019 17:56

Tgt Ion: 107 Resp: 42945

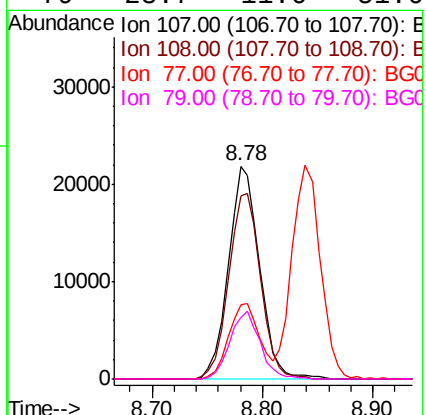
Ion Ratio Lower Upper

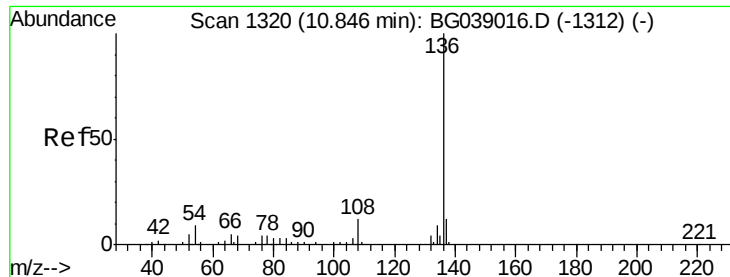
107 100

108 86.0 68.4 108.4

77 35.0 13.3 53.3

79 28.7 11.6 51.6

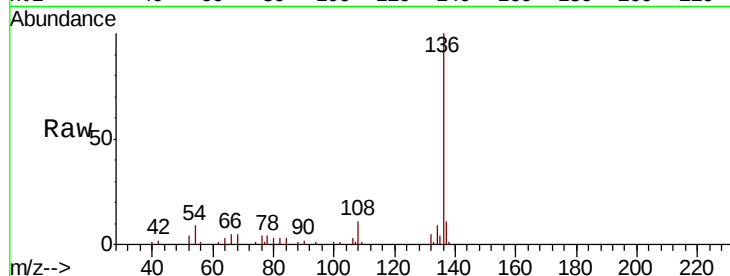




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.82 min Scan# 1317  
Delta R.T. -0.00 min  
Lab File: BG039220.D  
Acq: 18 Jan 2019 17:56

Instrument :  
BNA\_G  
ClientSampleId :  
PB116481BSD

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 52479 |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 11.3  | 9.4   | 14.2  |
| 54       | 9.0   | 7.2   | 10.8  |
| 68       | 4.6   | 3.5   | 5.3   |



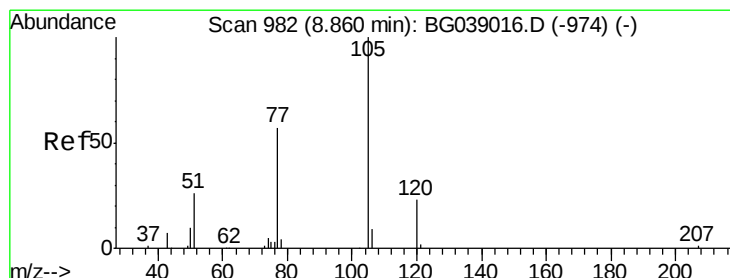
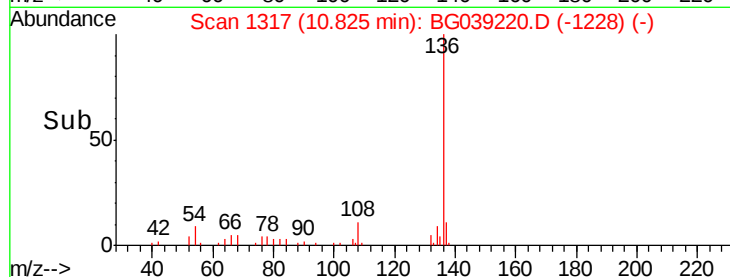
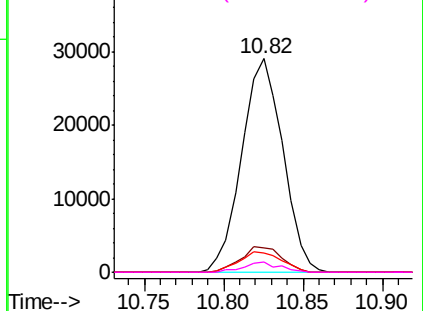
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

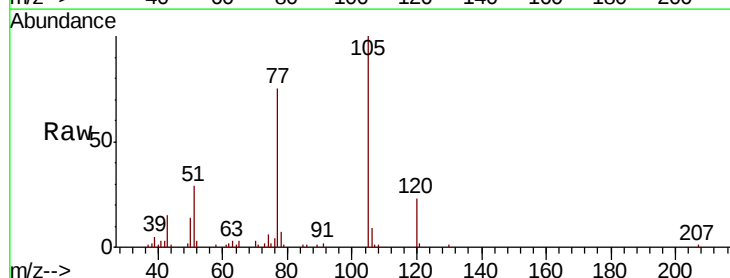
Ion 54.00 (53.70 to 54.70): BG

Ion 68.00 (67.70 to 68.70): BG



#22  
Acetophenone  
Concen: 37.238 ng  
RT: 8.84 min Scan# 979  
Delta R.T. -0.00 min  
Lab File: BG039220.D  
Acq: 18 Jan 2019 17:56

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 105   | Resp: | 51034 |
| Ion      | Ratio | Lower | Upper |
| 105      | 100   |       |       |
| 71       | 0.6   | 0.6   | 1.0#  |
| 51       | 28.8  | 26.6  | 39.8  |
| 120      | 22.7  | 17.9  | 26.9  |



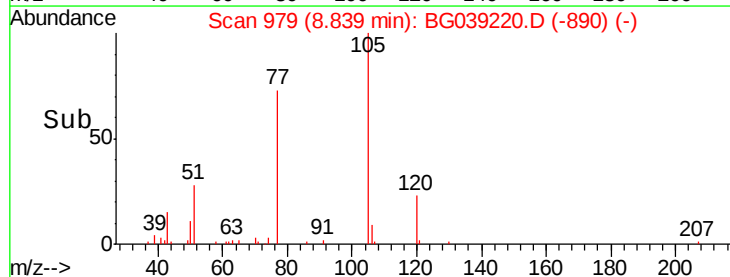
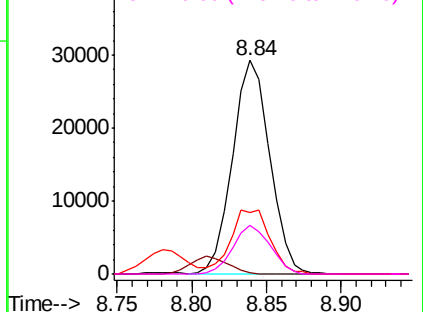
Abundance

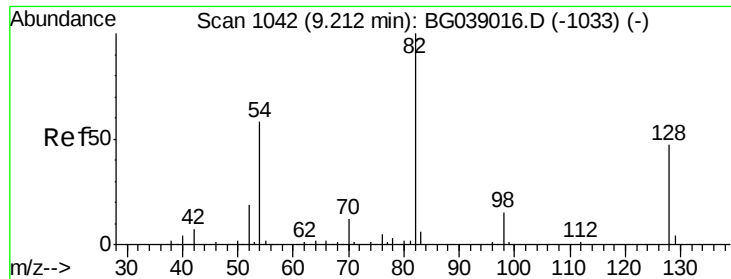
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BG

Ion 51.00 (50.70 to 51.70): BG

Ion 120.00 (119.70 to 120.70): E

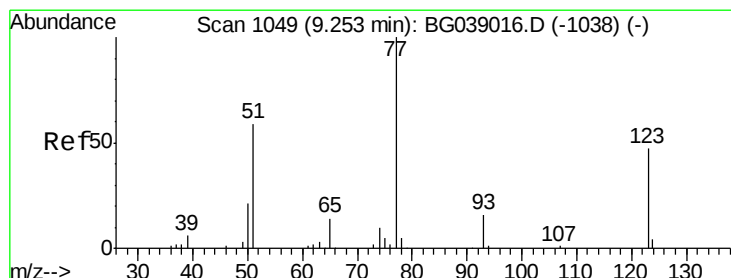
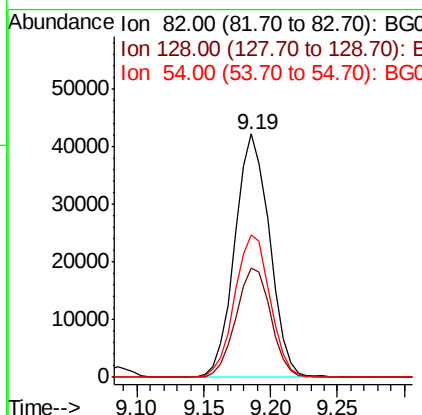
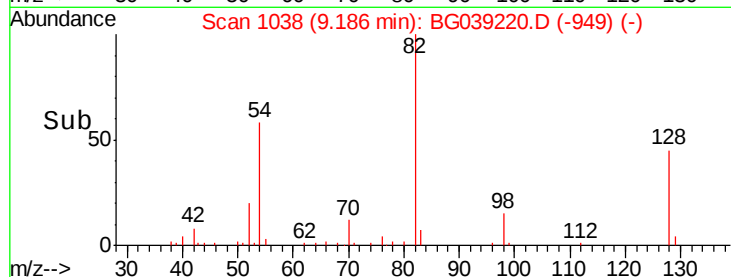
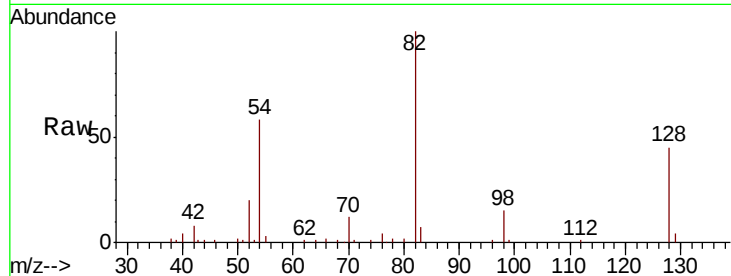




#23  
 Nitrobenzene-d5  
 Concen: 79.249 ng  
 RT: 9.19 min Scan# 1038  
 Delta R.T. -0.00 min  
 Lab File: BG039220.D  
 Acq: 18 Jan 2019 17:56

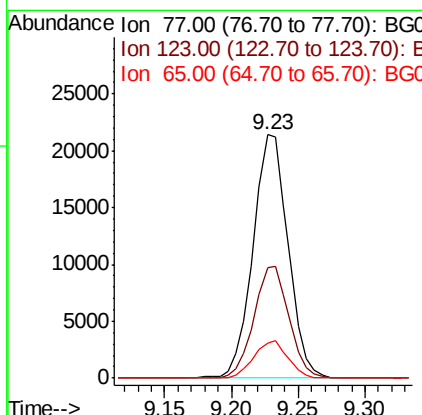
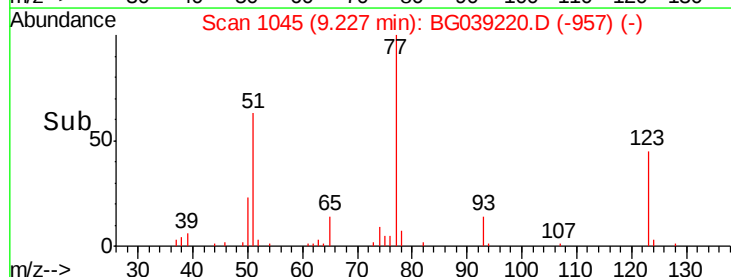
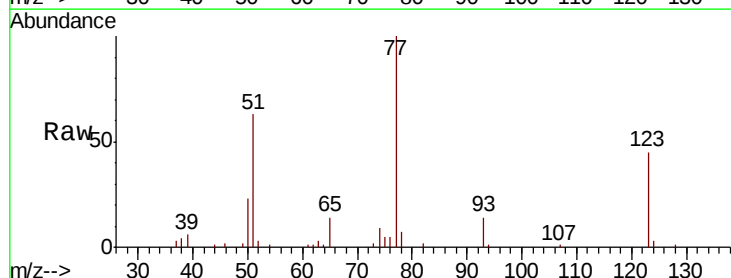
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB116481BSD

Tgt Ion: 82 Resp: 76004  
 Ion Ratio Lower Upper  
 82 100  
 128 45.0 37.3 55.9  
 54 58.5 46.4 69.6



#24  
 Nitrobenzene  
 Concen: 40.024 ng  
 RT: 9.23 min Scan# 1045  
 Delta R.T. -0.01 min  
 Lab File: BG039220.D  
 Acq: 18 Jan 2019 17:56

Tgt Ion: 77 Resp: 38799  
 Ion Ratio Lower Upper  
 77 100  
 123 45.4 37.6 56.4  
 65 14.2 11.0 16.6

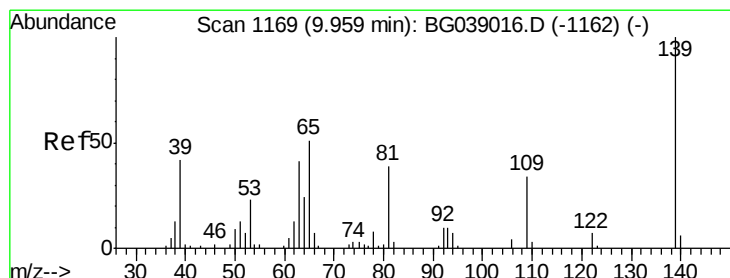
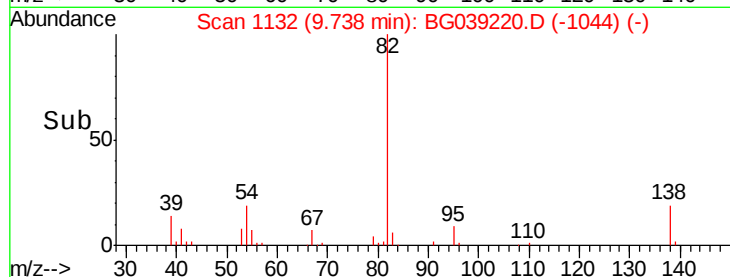
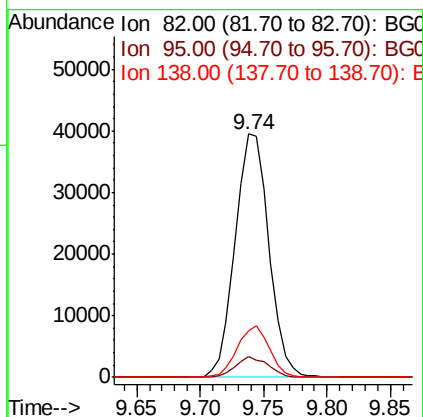
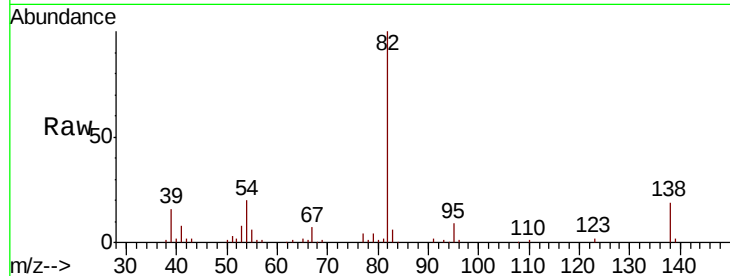




#25  
Isophorone  
Concen: 44.154 ng  
RT: 9.74 min Scan# 1132  
Delta R.T. -0.01 min  
Lab File: BG039220.D  
Acq: 18 Jan 2019 17:56

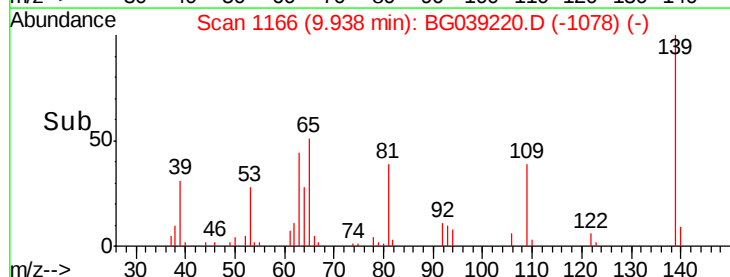
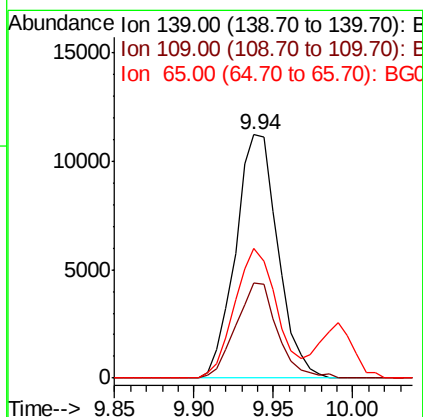
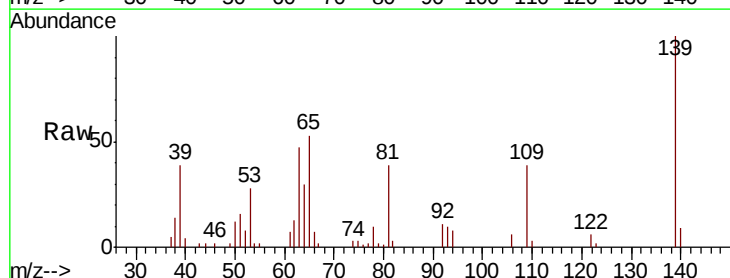
Instrument :  
BNA\_G  
ClientSampleId :  
PB116481BSD

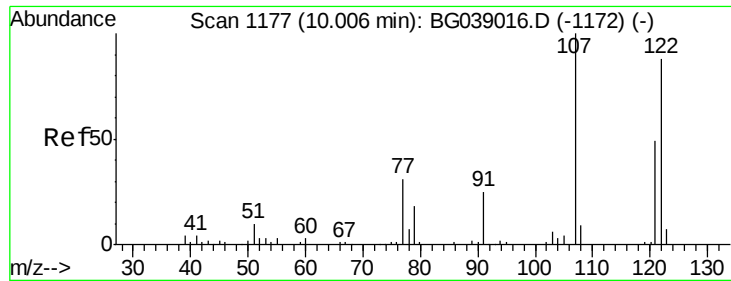
Tgt Ion: 82 Resp: 72943  
Ion Ratio Lower Upper  
82 100  
95 8.6 7.0 10.6  
138 19.0 16.2 24.4



#26  
2-Nitrophenol  
Concen: 39.707 ng  
RT: 9.94 min Scan# 1166  
Delta R.T. -0.01 min  
Lab File: BG039220.D  
Acq: 18 Jan 2019 17:56

Tgt Ion: 139 Resp: 20820  
Ion Ratio Lower Upper  
139 100  
109 39.0 27.3 40.9  
65 53.1 40.6 61.0

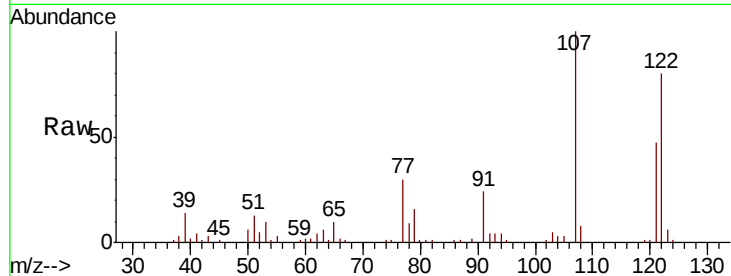




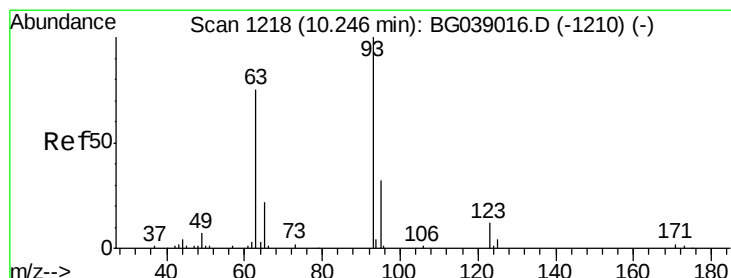
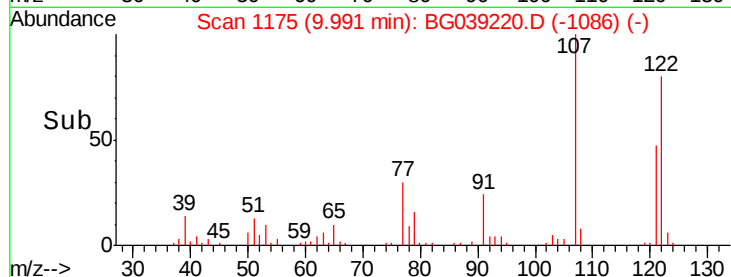
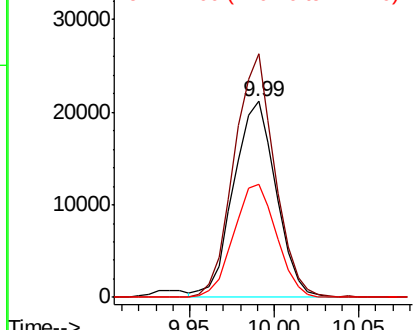
#27  
 2,4-Dimethylphenol  
 Concen: 50.234 ng  
 RT: 9.99 min Scan# 1175  
 Delta R.T. -0.00 min  
 Lab File: BG039220.D  
 Acq: 18 Jan 2019 17:56

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB116481BSD

Tgt Ion:122 Resp: 37056  
 Ion Ratio Lower Upper  
 122 100  
 107 124.3 88.8 133.2  
 121 58.0 43.1 64.7

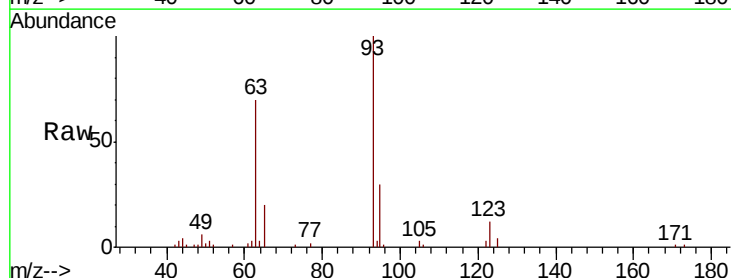


Abundance Ion 122.00 (121.70 to 122.70): E  
 Ion 107.00 (106.70 to 107.70): E  
 Ion 121.00 (120.70 to 121.70): E

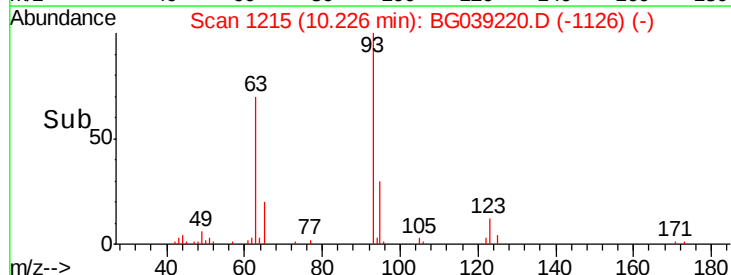
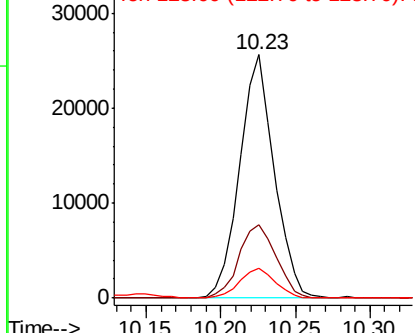


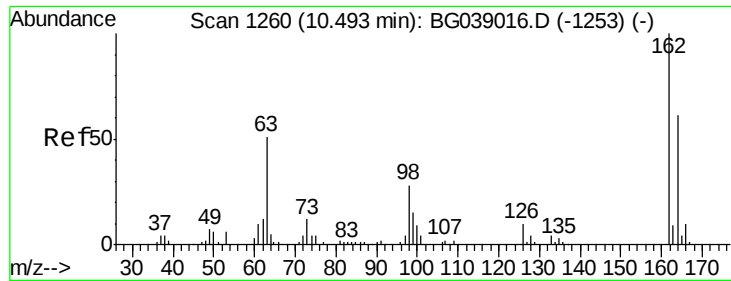
#28  
 bis(2-Chloroethoxy)methane  
 Concen: 41.400 ng  
 RT: 10.23 min Scan# 1215  
 Delta R.T. -0.00 min  
 Lab File: BG039220.D  
 Acq: 18 Jan 2019 17:56

Tgt Ion: 93 Resp: 41105  
 Ion Ratio Lower Upper  
 93 100  
 95 30.1 25.6 38.4  
 123 12.1 10.1 15.1



Abundance Ion 93.00 (92.70 to 93.70): BGC  
 Ion 95.00 (94.70 to 95.70): BGC  
 Ion 123.00 (122.70 to 123.70): E

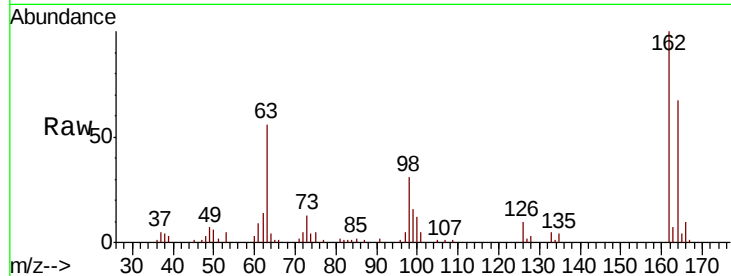




#29  
 2,4-Dichlorophenol  
 Concen: 47.800 ng  
 RT: 10.47 min Scan# 1257  
 Delta R.T. -0.00 min  
 Lab File: BG039220.D  
 Acq: 18 Jan 2019 17:56

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB116481BSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 66.6  | 41.3  | 81.3  |
| 98      | 31.1  | 8.3   | 48.3  |

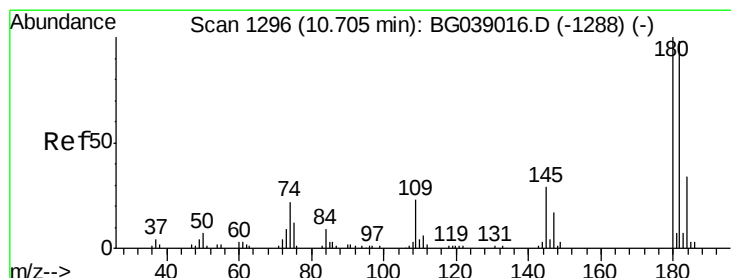
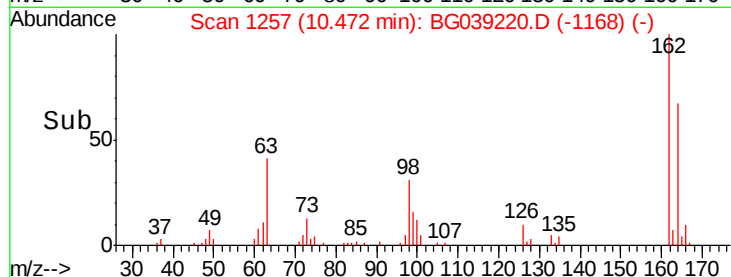
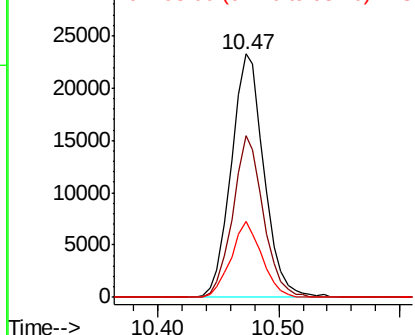


Abundance

Ion 162.00 (161.70 to 162.70): E

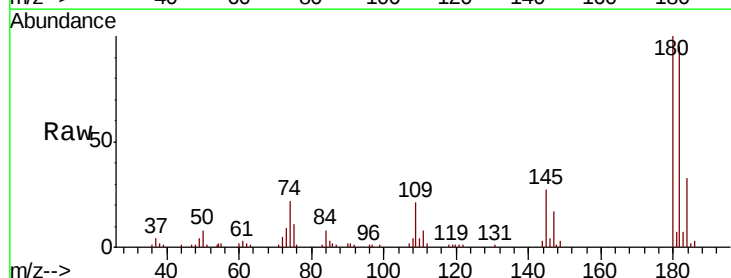
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30  
 1,2,4-Trichlorobenzene  
 Concen: 39.035 ng  
 RT: 10.68 min Scan# 1293  
 Delta R.T. -0.00 min  
 Lab File: BG039220.D  
 Acq: 18 Jan 2019 17:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 94.7  | 78.1  | 117.1 |
| 145     | 27.3  | 23.1  | 34.7  |

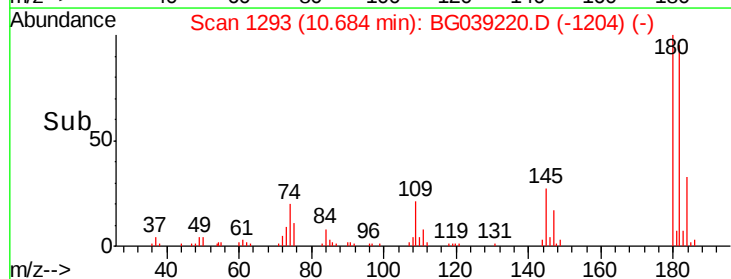
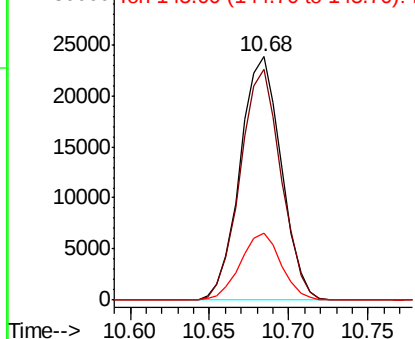


Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

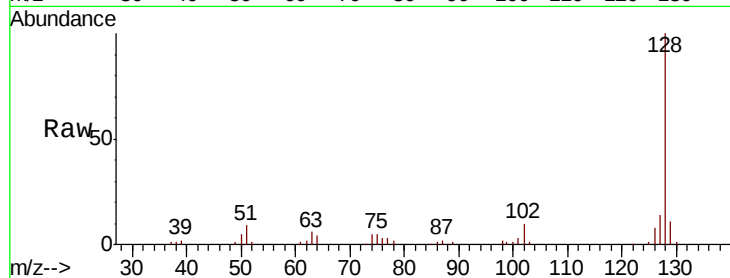




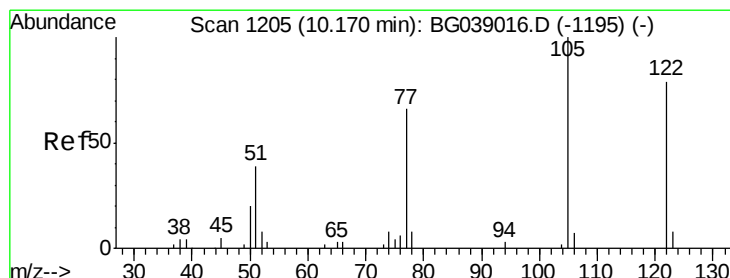
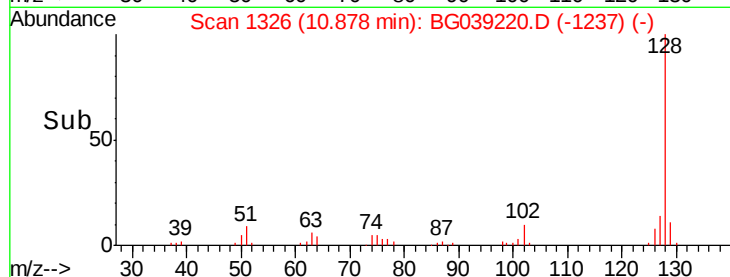
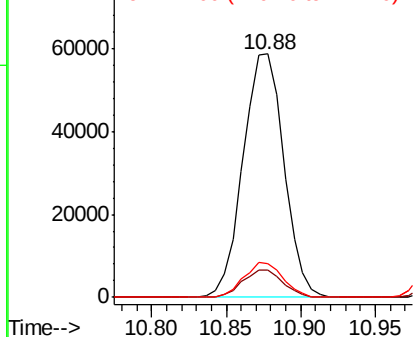
#31  
Naphthalene  
Concen: 42.237 ng  
RT: 10.88 min Scan# 1326  
Delta R.T. -0.00 min  
Lab File: BG039220.D  
Acq: 18 Jan 2019 17:56

Instrument :  
BNA\_G  
ClientSampleId :  
PB116481BSD

Tgt Ion:128 Resp: 111171  
Ion Ratio Lower Upper  
128 100  
129 11.3 9.1 13.7  
127 14.0 11.2 16.8

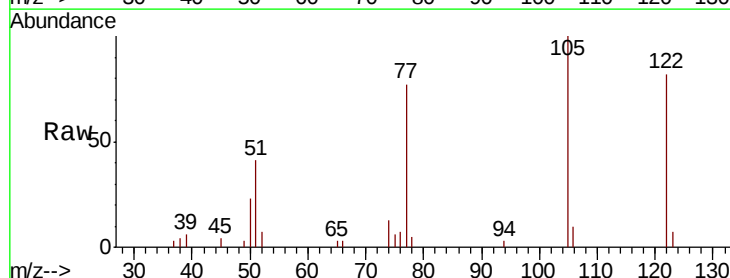


Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E

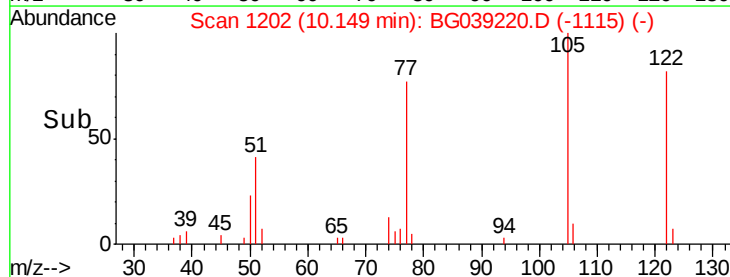
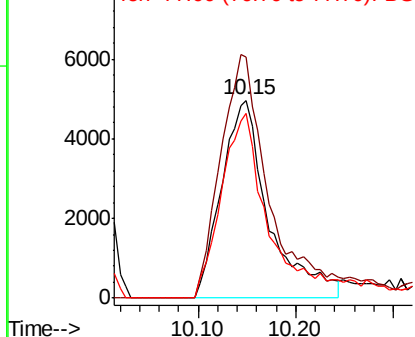


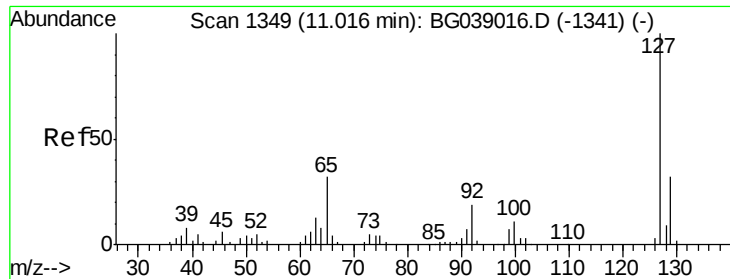
#32  
Benzoic acid  
Concen: 38.987 ng  
RT: 10.15 min Scan# 1202  
Delta R.T. -0.02 min  
Lab File: BG039220.D  
Acq: 18 Jan 2019 17:56

Tgt Ion:122 Resp: 16686  
Ion Ratio Lower Upper  
122 100  
105 121.7 106.4 146.4  
77 93.3 63.6 103.6



Abundance Ion 122.00 (121.70 to 122.70): E  
Ion 105.00 (104.70 to 105.70): E  
Ion 77.00 (76.70 to 77.70): BGO

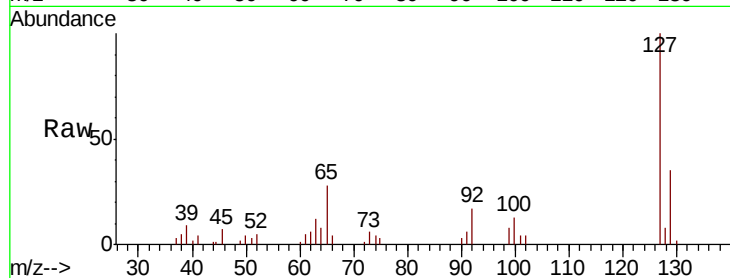




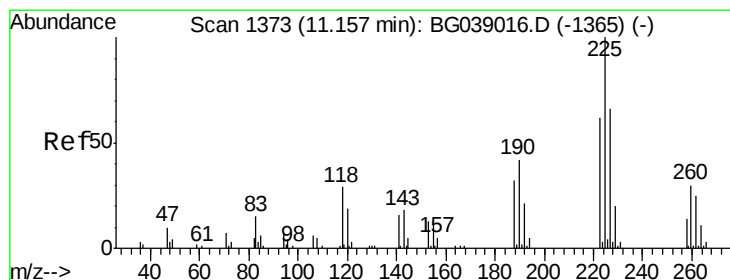
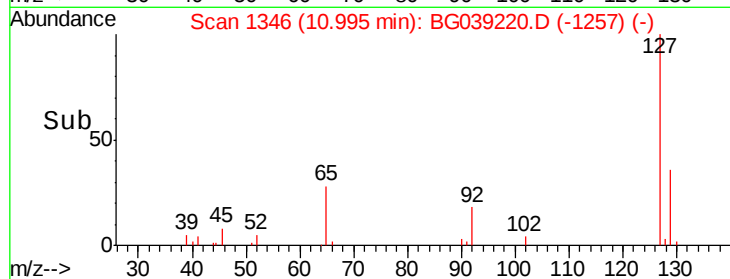
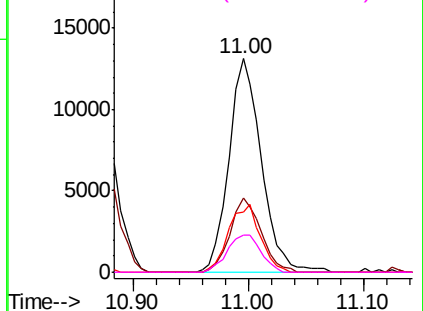
#33  
4-Chloroaniline  
Concen: 21.693 ng  
RT: 11.00 min Scan# 1346  
Delta R.T. -0.00 min  
Lab File: BG039220.D  
Acq: 18 Jan 2019 17:56

Instrument :  
BNA\_G  
ClientSampleId :  
PB116481BSD

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 127   | Resp: | 25549 |
| Ion      | Ratio | Lower | Upper |
| 127      | 100   |       |       |
| 129      | 34.6  | 25.4  | 38.0  |
| 65       | 28.3  | 25.4  | 38.0  |
| 92       | 17.2  | 15.2  | 22.8  |

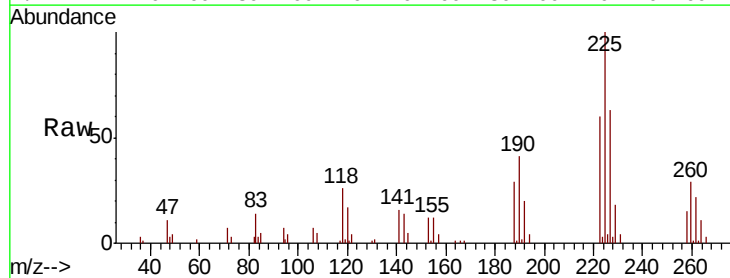


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BGC  
Ion 92.00 (91.70 to 92.70): BGC

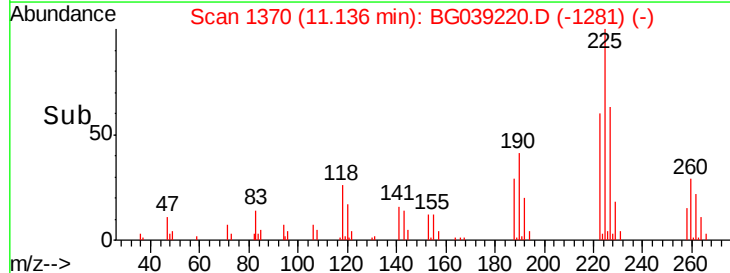
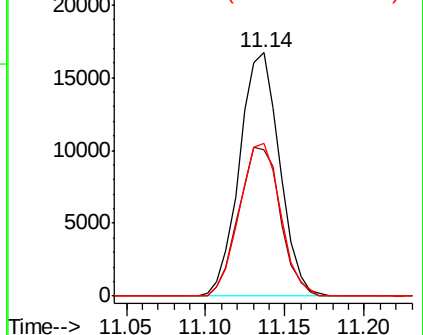


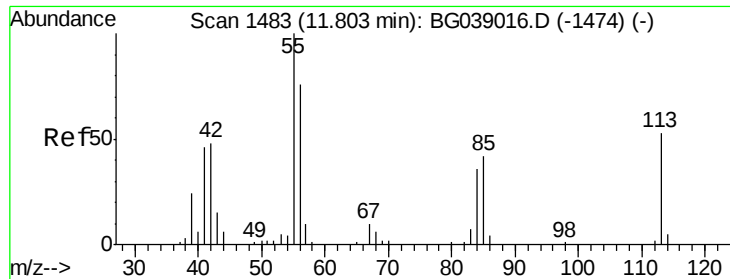
#34  
Hexachlorobutadiene  
Concen: 38.756 ng  
RT: 11.14 min Scan# 1370  
Delta R.T. -0.00 min  
Lab File: BG039220.D  
Acq: 18 Jan 2019 17:56

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 29364 |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 60.8  | 50.2  | 75.4  |
| 227      | 63.5  | 53.2  | 79.8  |



Abundance Ion 225.00 (224.70 to 225.70): E  
Ion 223.00 (222.70 to 223.70): E  
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 17.905 ng

RT: 11.78 min Scan# 1479

Delta R.T. -0.02 min

Lab File: BG039220.D

Acq: 18 Jan 2019 17:56

Instrument :

BNA\_G

ClientSampleId :

PB116481BSD

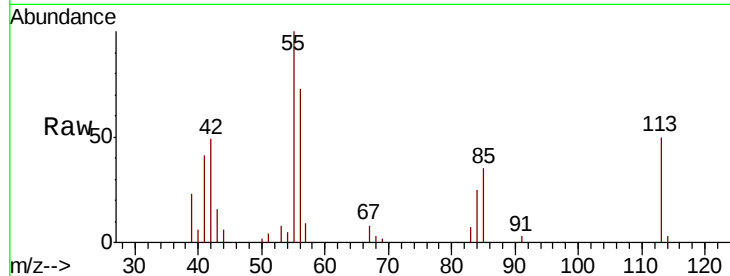
Tgt Ion:113 Resp: 6580

Ion Ratio Lower Upper

113 100

55 198.9 168.6 208.6

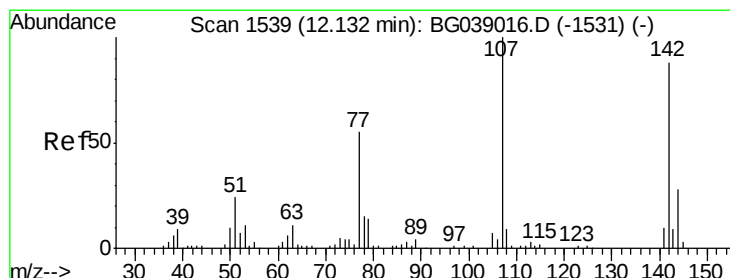
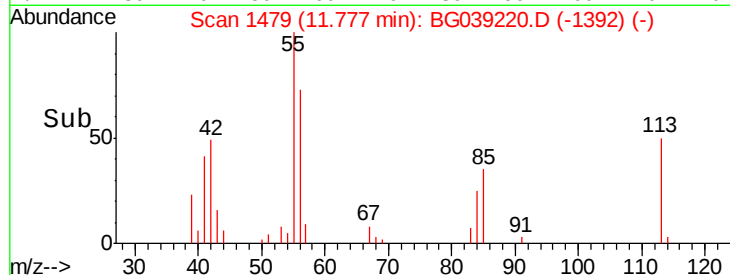
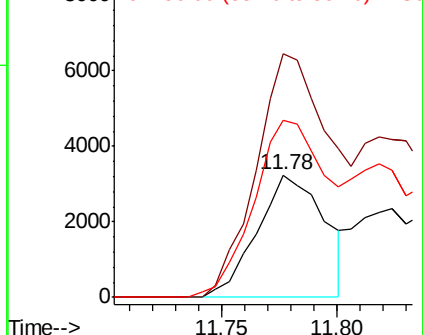
56 144.6 123.2 163.2



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG039016.D (-1474) (-)

Ion 56.00 (55.70 to 56.70): BG039016.D (-1474) (-)



#36

4-Chloro-3-methylphenol

Concen: 45.331 ng

RT: 12.11 min Scan# 1536

Delta R.T. -0.00 min

Lab File: BG039220.D

Acq: 18 Jan 2019 17:56

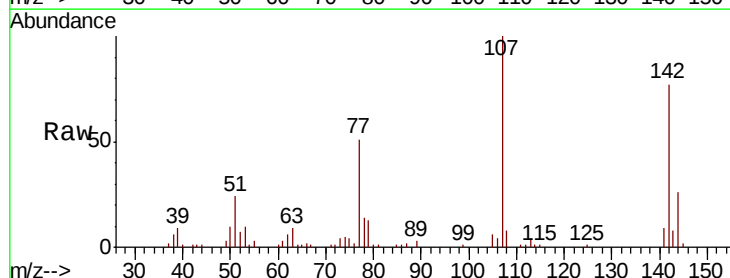
Tgt Ion:107 Resp: 44432

Ion Ratio Lower Upper

107 100

144 25.6 22.6 34.0

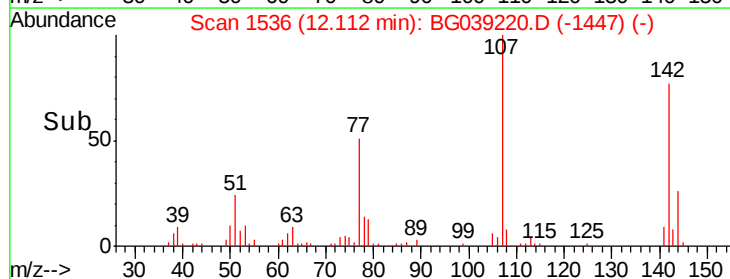
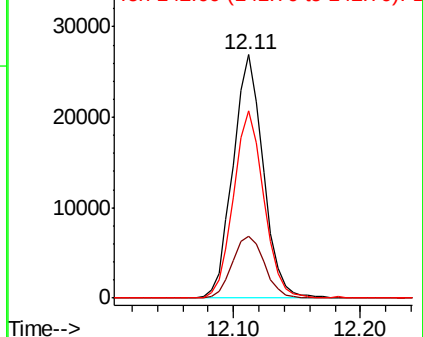
142 77.0 70.2 105.4

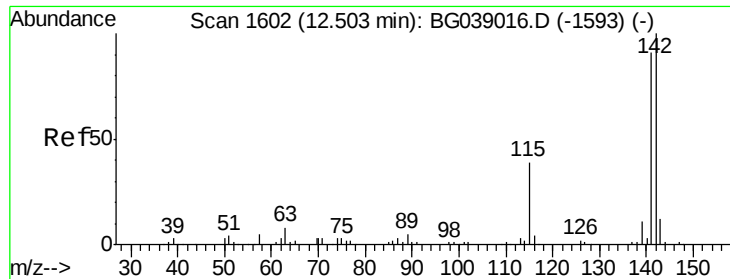


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

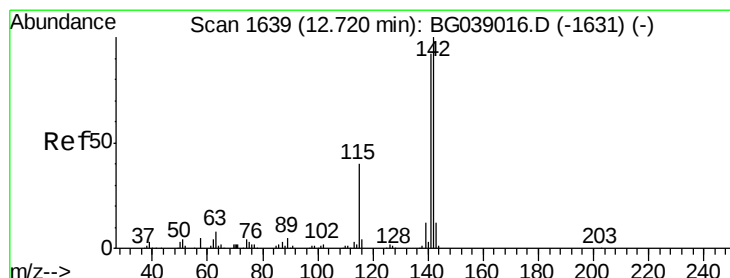
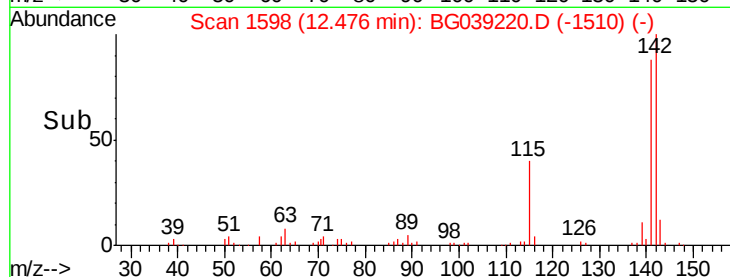
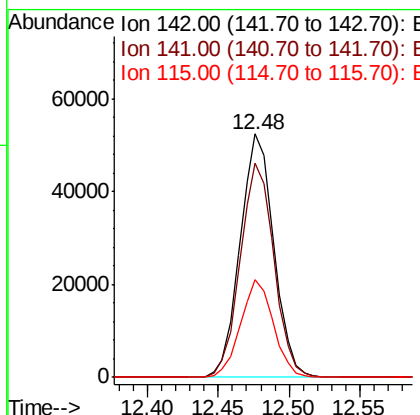
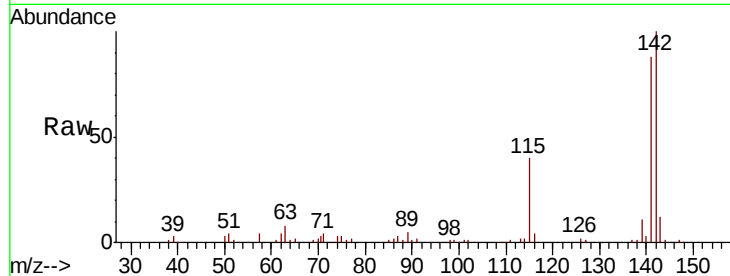




#37  
2-Methylnaphthalene  
Concen: 44.227 ng  
RT: 12.48 min Scan# 1598  
Delta R.T. -0.01 min  
Lab File: BG039220.D  
Acq: 18 Jan 2019 17:56

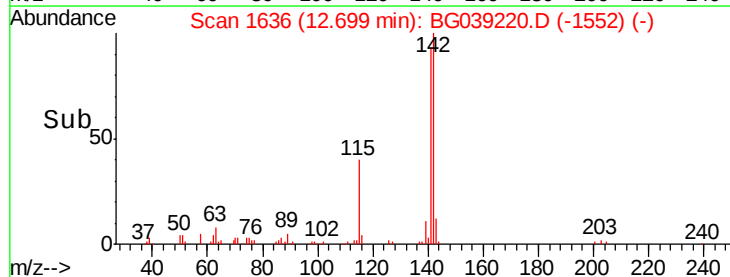
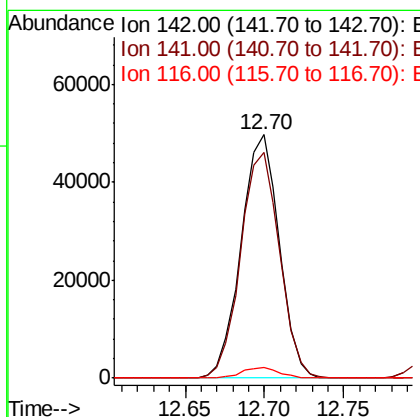
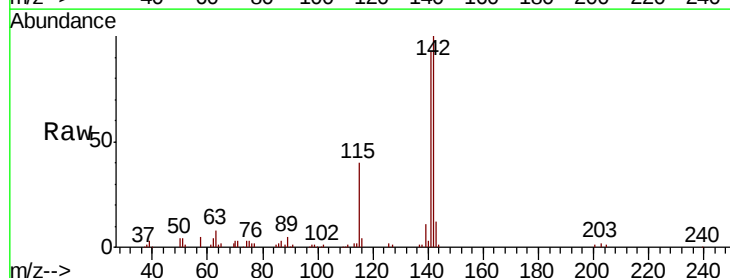
Instrument :  
BNA\_G  
ClientSampleId :  
PB116481BSD

Tgt Ion:142 Resp: 87275  
Ion Ratio Lower Upper  
142 100  
141 87.9 72.6 109.0  
115 39.9 31.1 46.7



#38  
1-Methylnaphthalene  
Concen: 43.947 ng  
RT: 12.70 min Scan# 1636  
Delta R.T. -0.00 min  
Lab File: BG039220.D  
Acq: 18 Jan 2019 17:56

Tgt Ion:142 Resp: 83241  
Ion Ratio Lower Upper  
142 100  
141 92.6 73.3 109.9  
116 4.5 3.1 4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.65 min Scan# 1968

Delta R.T. -0.00 min

Lab File: BG039220.D

Acq: 18 Jan 2019 17:56

Instrument :

BNA\_G

ClientSampleId :

PB116481BSD

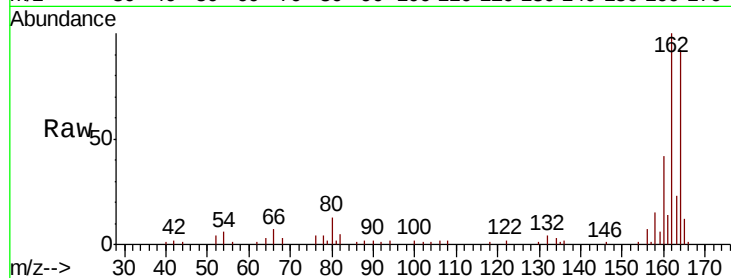
Tgt Ion:164 Resp: 37548

Ion Ratio Lower Upper

164 100

162 108.6 87.2 130.8

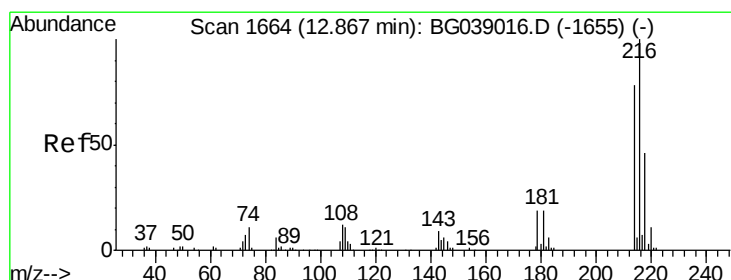
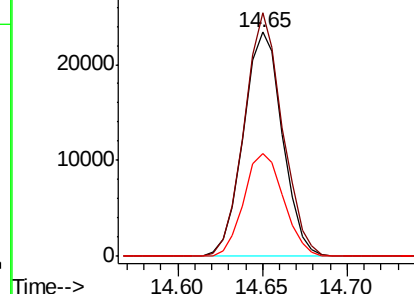
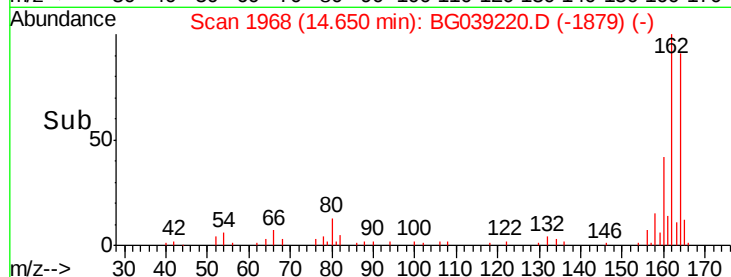
160 46.1 33.3 49.9



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.629 ng

RT: 12.84 min Scan# 1660

Delta R.T. -0.01 min

Lab File: BG039220.D

Acq: 18 Jan 2019 17:56

Tgt Ion:216 Resp: 55883

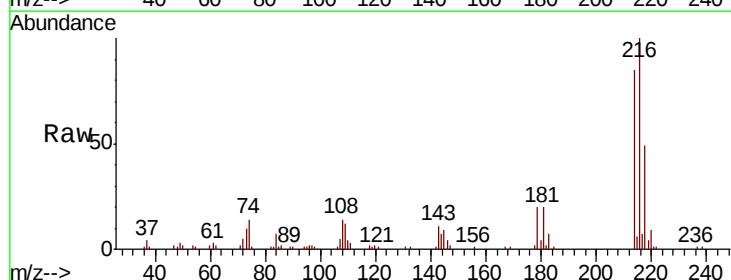
Ion Ratio Lower Upper

216 100

214 81.3 63.4 95.2

179 19.5 15.5 23.3

108 13.0 11.4 17.2

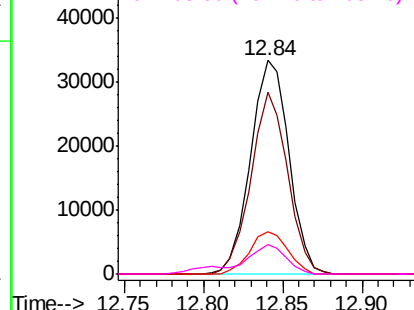
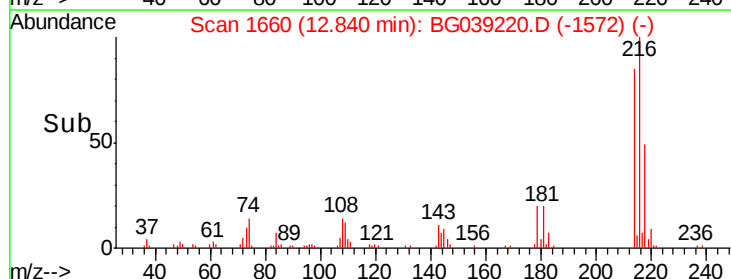


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 82.332 ng

RT: 12.80 min Scan# 1654

Delta R.T. -0.00 min

Lab File: BG039220.D

Acq: 18 Jan 2019 17:56

Instrument :

BNA\_G

ClientSampleId :

PB116481BSD

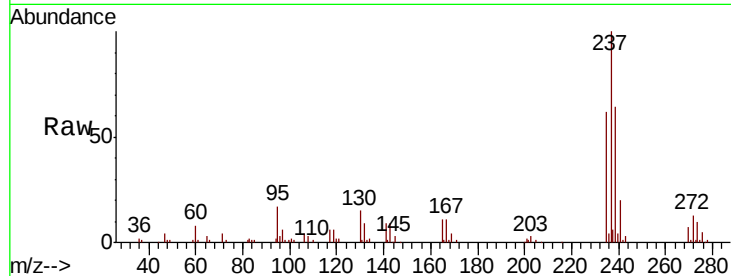
Tgt Ion: 237 Resp: 65531

Ion Ratio Lower Upper

237 100

235 62.2 41.7 81.7

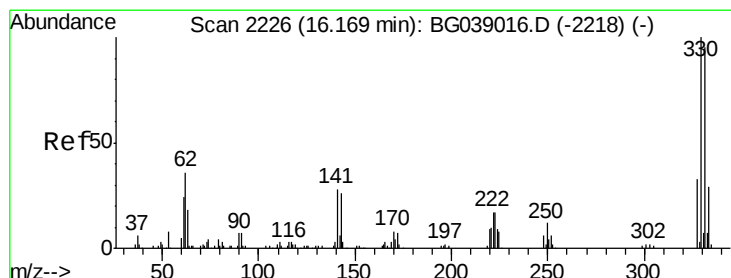
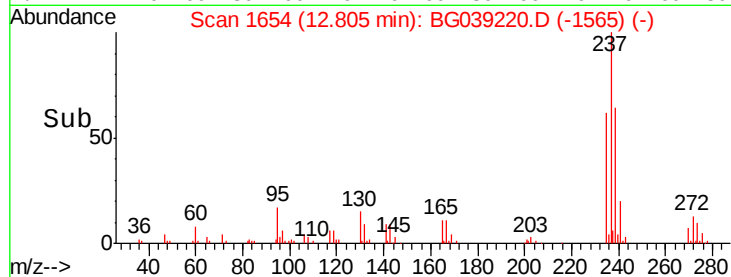
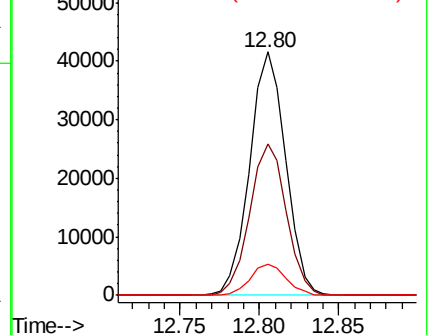
272 12.6 0.0 32.1



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 137.151 ng

RT: 16.14 min Scan# 2222

Delta R.T. -0.01 min

Lab File: BG039220.D

Acq: 18 Jan 2019 17:56

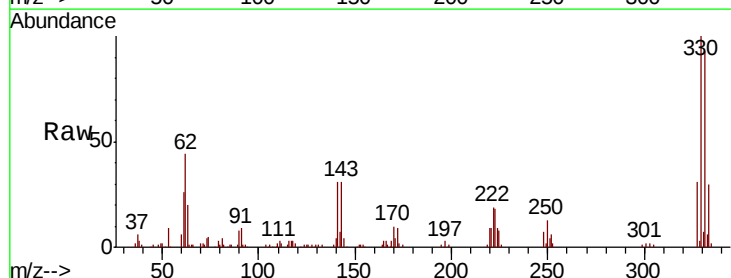
Tgt Ion: 330 Resp: 86324

Ion Ratio Lower Upper

330 100

332 95.2 75.7 113.5

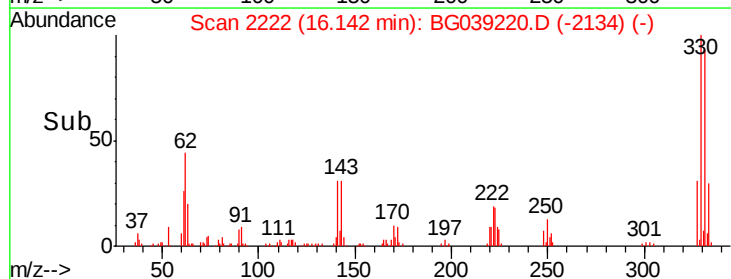
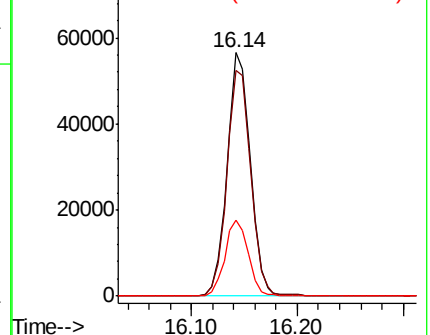
141 31.5 24.9 37.3



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

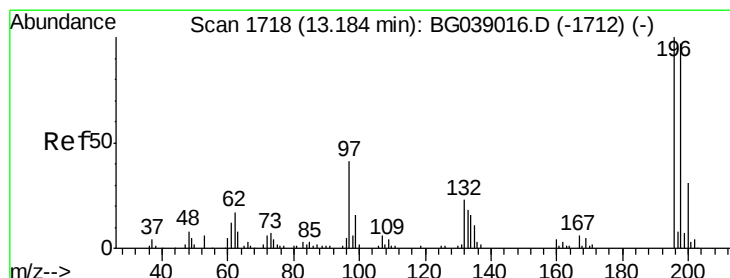
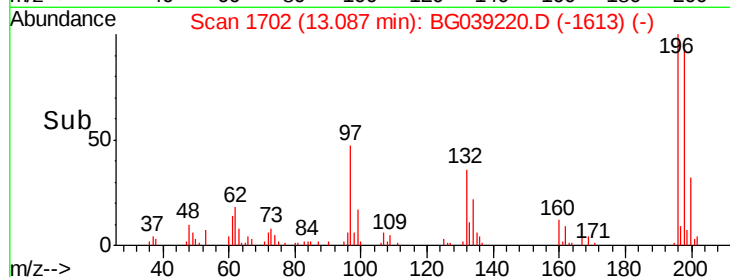
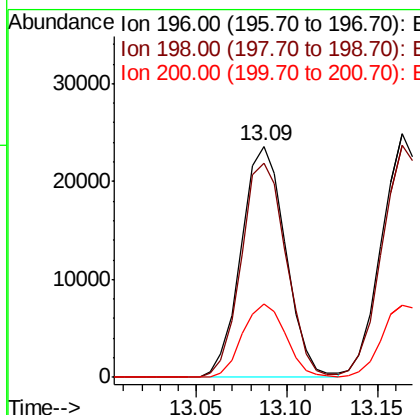
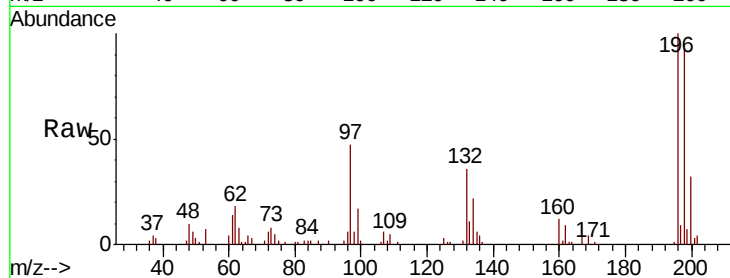




#43  
 2,4,6-Trichlorophenol  
 Concen: 45.328 ng  
 RT: 13.09 min Scan# 1702  
 Delta R.T. -0.00 min  
 Lab File: BG039220.D  
 Acq: 18 Jan 2019 17:56

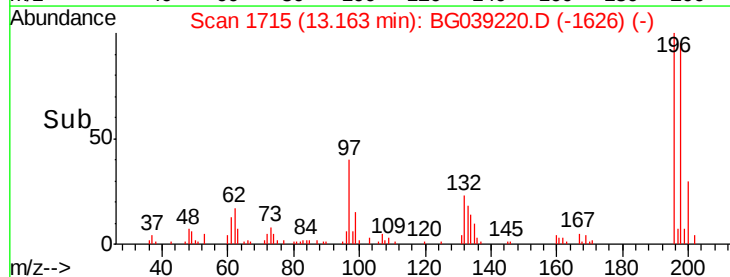
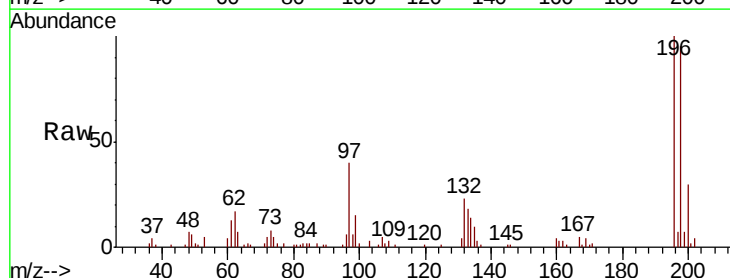
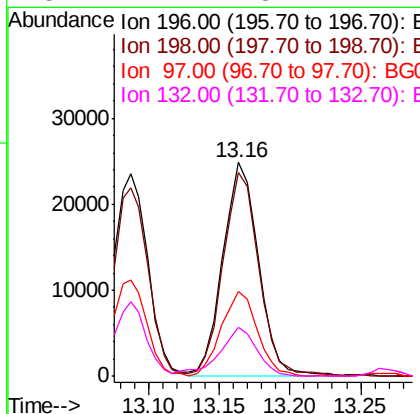
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB116481BSD

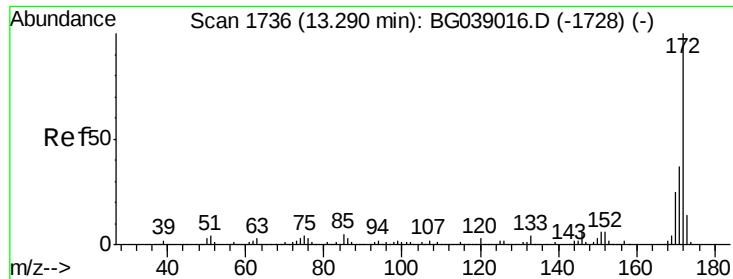
Tgt Ion:196 Resp: 40229  
 Ion Ratio Lower Upper  
 196 100  
 198 92.8 74.5 111.7  
 200 31.6 23.8 35.6



#44  
 2,4,5-Trichlorophenol  
 Concen: 46.807 ng  
 RT: 13.16 min Scan# 1715  
 Delta R.T. -0.00 min  
 Lab File: BG039220.D  
 Acq: 18 Jan 2019 17:56

Tgt Ion:196 Resp: 43906  
 Ion Ratio Lower Upper  
 196 100  
 198 95.3 78.1 117.1  
 97 39.7 33.2 49.8  
 132 22.7 18.2 27.4

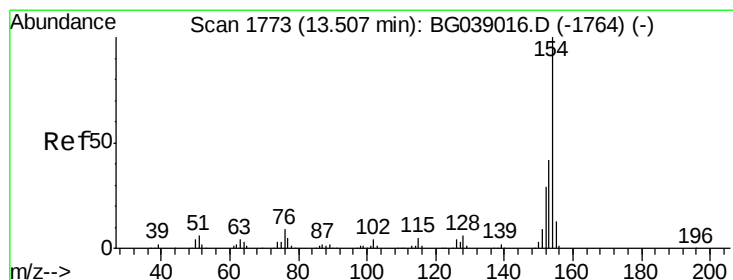
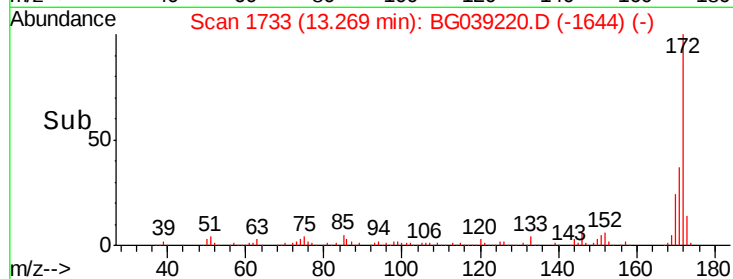
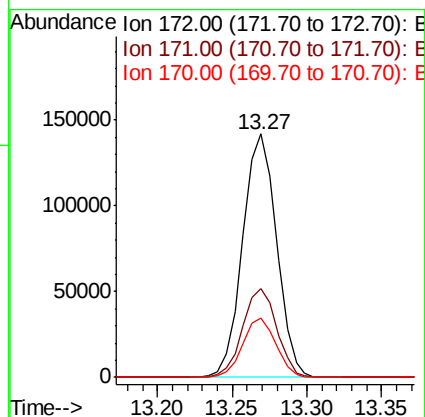
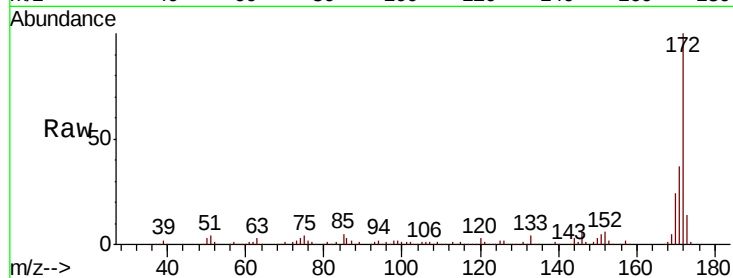




#45  
 2-Fluorobiphenyl  
 Concen: 81.259 ng  
 RT: 13.27 min Scan# 1733  
 Delta R.T. -0.00 min  
 Lab File: BG039220.D  
 Acq: 18 Jan 2019 17:56

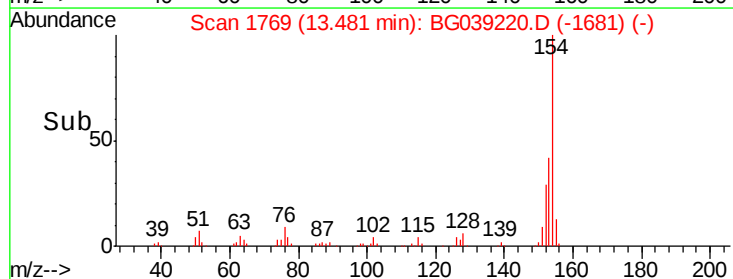
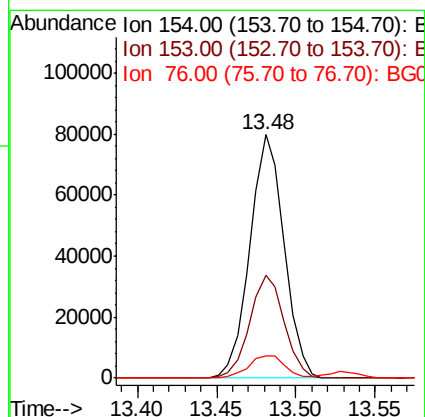
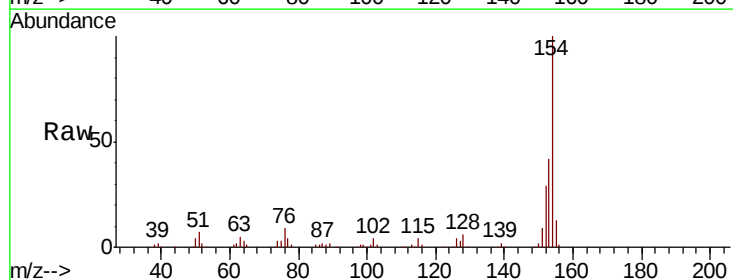
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB116481BSD

Tgt Ion:172 Resp: 222944  
 Ion Ratio Lower Upper  
 172 100  
 171 36.6 29.4 44.0  
 170 24.5 20.1 30.1



#46  
 1,1'-Biphenyl  
 Concen: 40.226 ng  
 RT: 13.48 min Scan# 1769  
 Delta R.T. -0.01 min  
 Lab File: BG039220.D  
 Acq: 18 Jan 2019 17:56

Tgt Ion:154 Resp: 119680  
 Ion Ratio Lower Upper  
 154 100  
 153 42.1 22.4 62.4  
 76 9.3 0.0 29.4





#47

2-Chloronaphthalene

Concen: 40.568 ng

RT: 13.53 min Scan# 1777

Delta R.T. -0.01 min

Lab File: BG039220.D

Acq: 18 Jan 2019 17:56

Instrument :

BNA\_G

ClientSampleId :

PB116481BSD

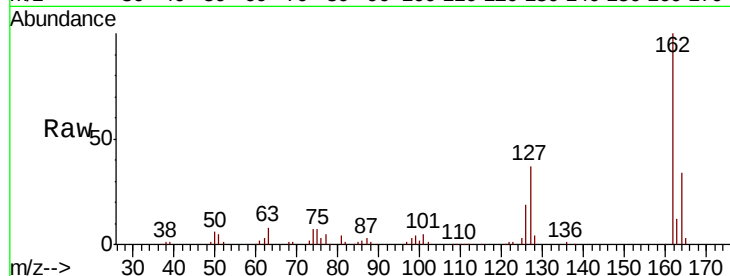
Tgt Ion: 162 Resp: 97674

Ion Ratio Lower Upper

162 100

127 37.2 28.4 42.6

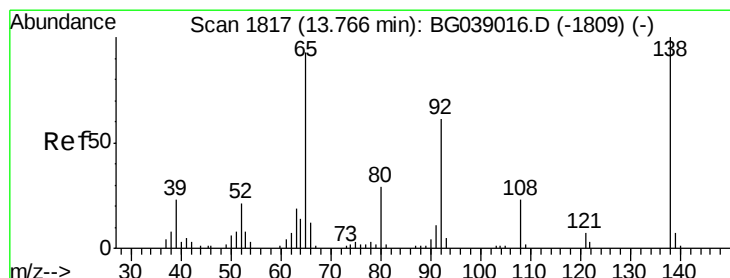
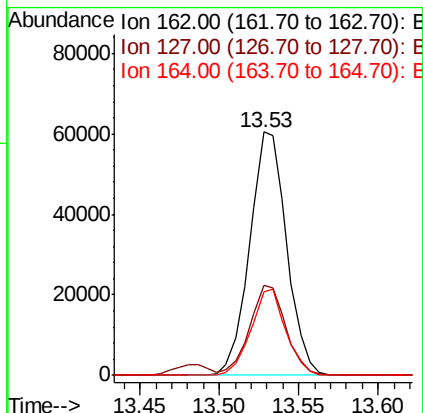
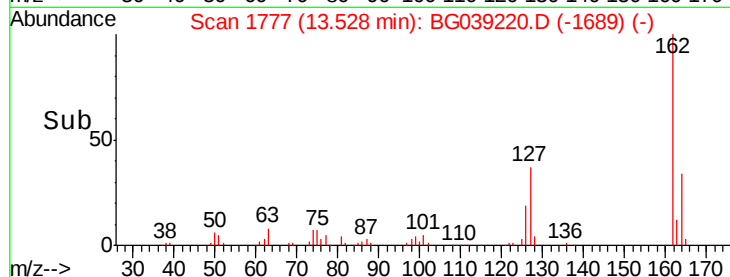
164 34.2 26.3 39.5



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 44.699 ng

RT: 13.75 min Scan# 1815

Delta R.T. -0.00 min

Lab File: BG039220.D

Acq: 18 Jan 2019 17:56

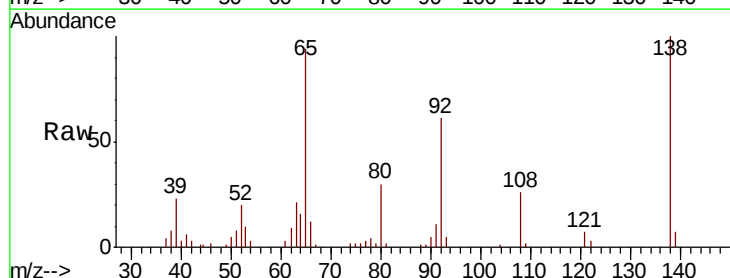
Tgt Ion: 65 Resp: 30150

Ion Ratio Lower Upper

65 100

92 64.6 52.2 78.4

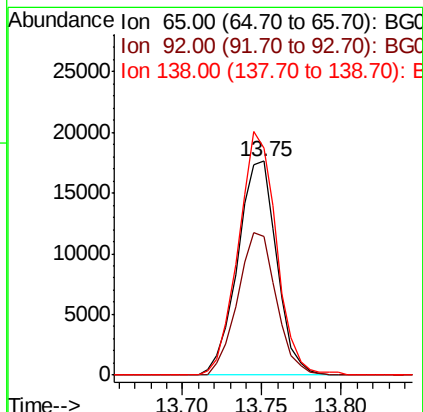
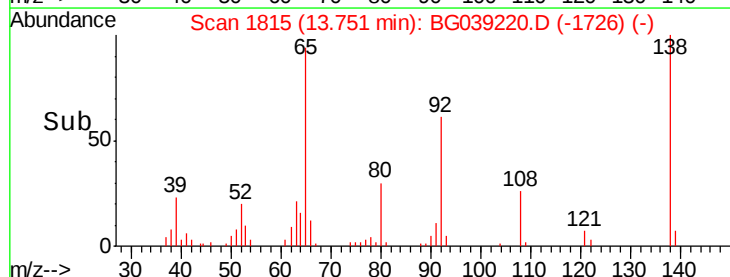
138 106.1 86.0 129.0

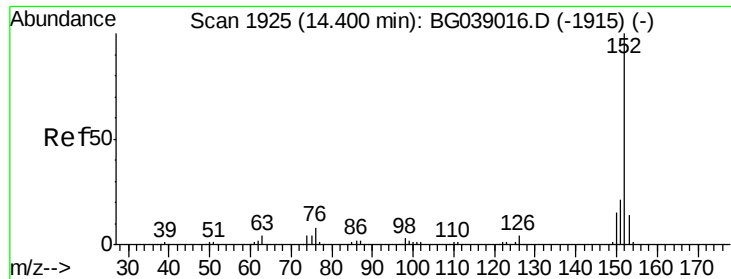


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 45.148 ng

RT: 14.37 min Scan# 1921

Delta R.T. -0.01 min

Lab File: BG039220.D

Acq: 18 Jan 2019 17:56

Instrument :

BNA\_G

ClientSampleId :

PB116481BSD

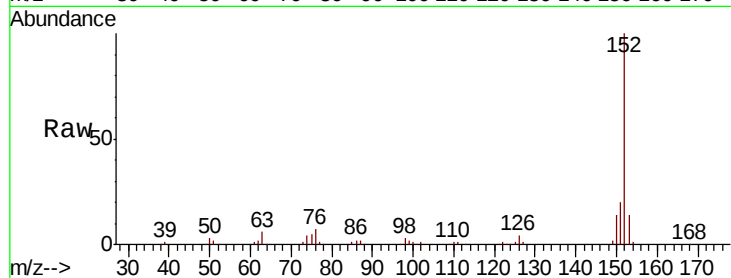
Tgt Ion:152 Resp: 163381

Ion Ratio Lower Upper

152 100

151 20.5 17.0 25.4

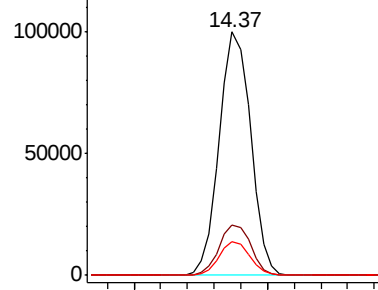
153 13.9 11.2 16.8



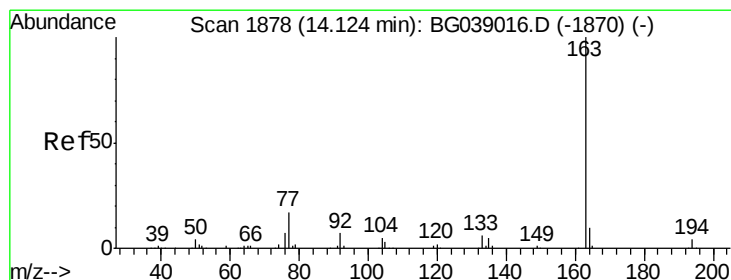
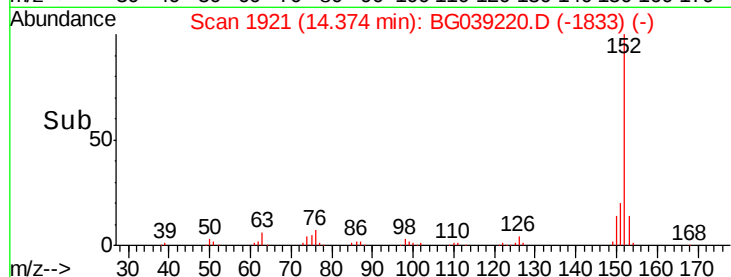
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



Time-->



#50

Dimethylphthalate

Concen: 44.264 ng

RT: 14.10 min Scan# 1875

Delta R.T. -0.00 min

Lab File: BG039220.D

Acq: 18 Jan 2019 17:56

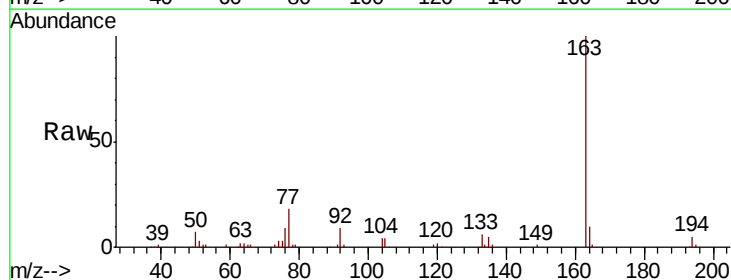
Tgt Ion:163 Resp: 140449

Ion Ratio Lower Upper

163 100

194 4.6 3.6 5.4

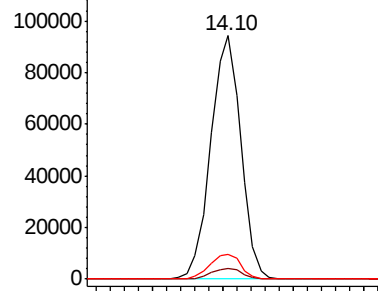
164 10.2 8.2 12.2



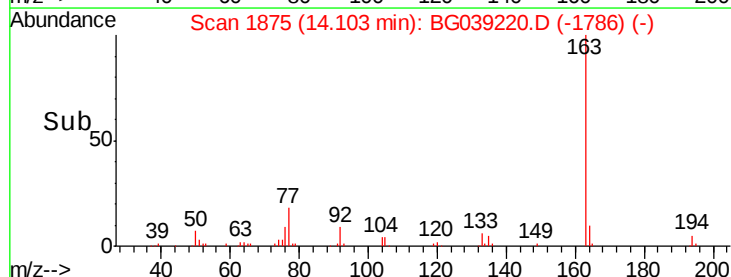
Abundance Ion 163.00 (162.70 to 163.70): E

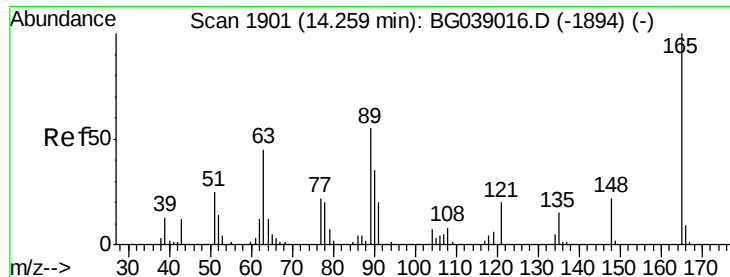
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



Time-->

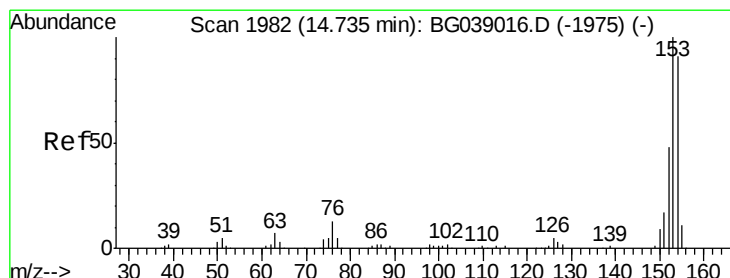
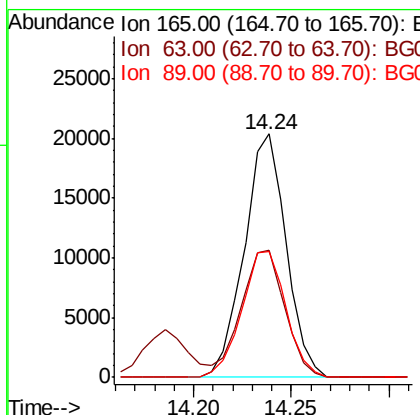
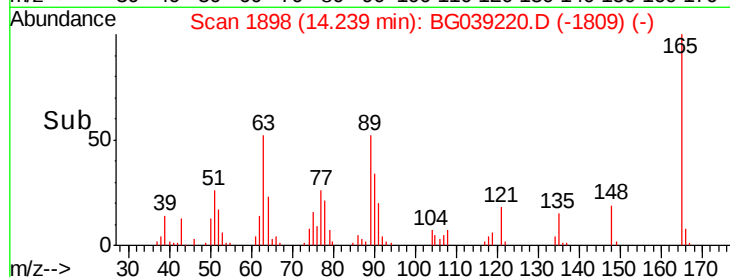
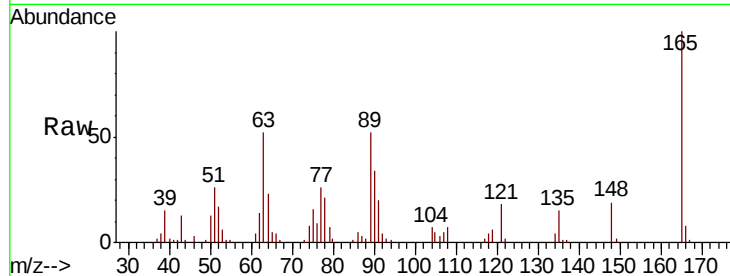




#51  
 2,6-Dinitrotoluene  
 Concen: 42.522 ng  
 RT: 14.24 min Scan# 1898  
 Delta R.T. -0.00 min  
 Lab File: BG039220.D  
 Acq: 18 Jan 2019 17:56

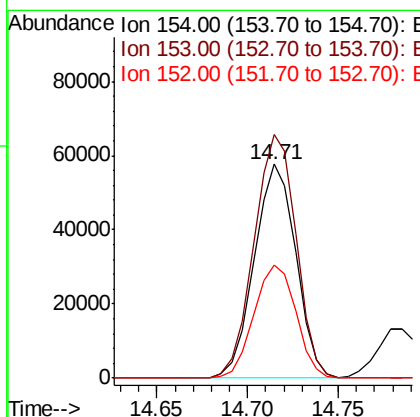
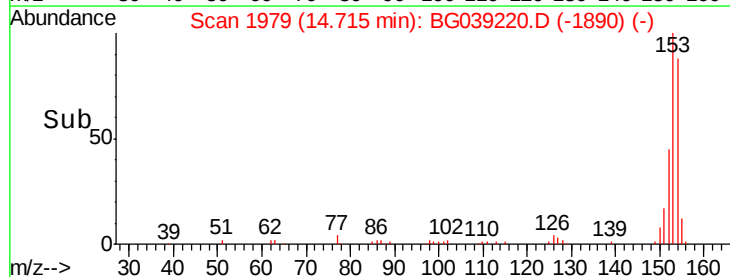
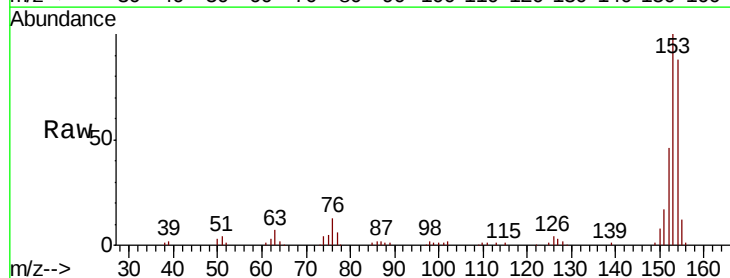
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB116481BSD

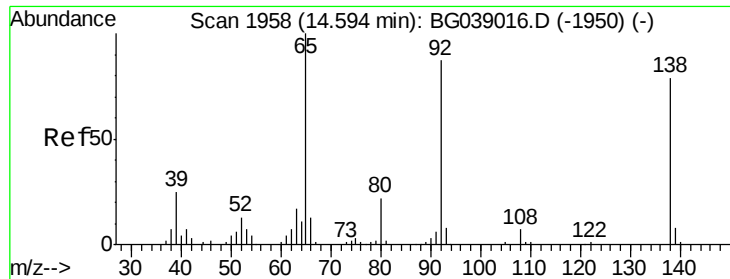
Tgt Ion:165 Resp: 30165  
 Ion Ratio Lower Upper  
 165 100  
 63 52.3 43.6 65.4  
 89 51.8 43.7 65.5



#52  
 Acenaphthene  
 Concen: 42.209 ng  
 RT: 14.71 min Scan# 1979  
 Delta R.T. -0.00 min  
 Lab File: BG039220.D  
 Acq: 18 Jan 2019 17:56

Tgt Ion:154 Resp: 91774  
 Ion Ratio Lower Upper  
 154 100  
 153 113.8 87.9 131.9  
 152 52.8 42.2 63.2





#53

3-Nitroaniline

Concen: 25.977 ng

RT: 14.57 min Scan# 1955

Delta R.T. -0.00 min

Lab File: BG039220.D

Acq: 18 Jan 2019 17:56

Instrument :

BNA\_G

ClientSampleId :

PB116481BSD

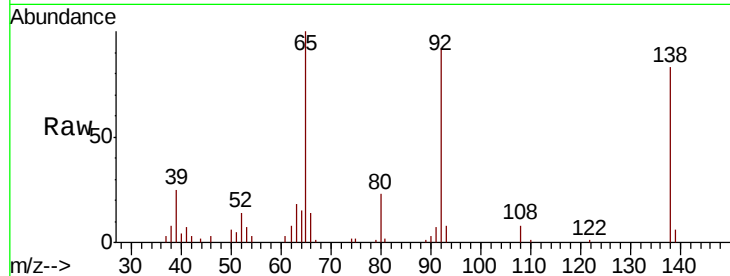
Tgt Ion:138 Resp: 18694

Ion Ratio Lower Upper

138 100

108 10.1 7.4 11.0

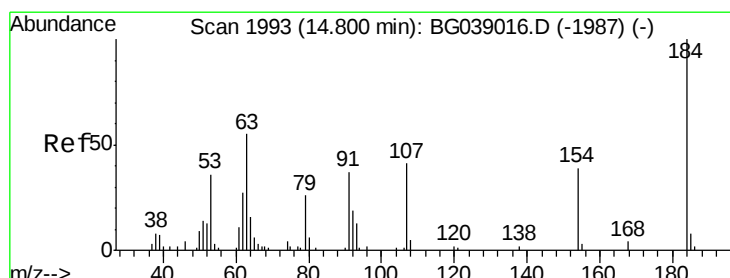
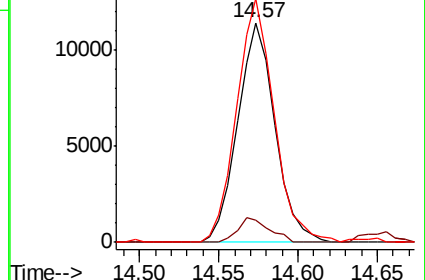
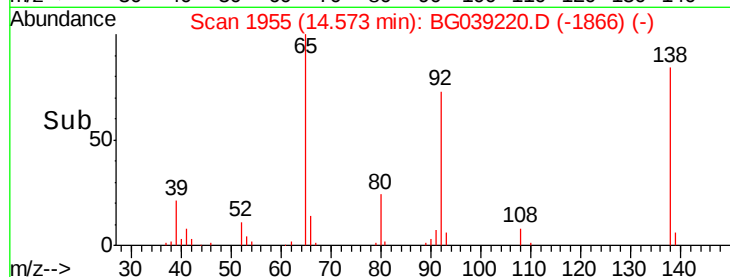
92 110.9 88.2 132.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 86.938 ng

RT: 14.79 min Scan# 1991

Delta R.T. -0.01 min

Lab File: BG039220.D

Acq: 18 Jan 2019 17:56

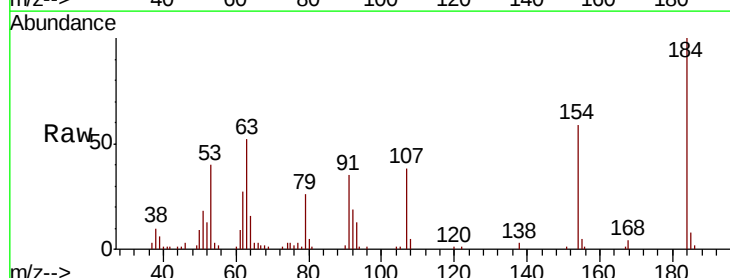
Tgt Ion:184 Resp: 37085

Ion Ratio Lower Upper

184 100

63 52.0 44.0 66.0

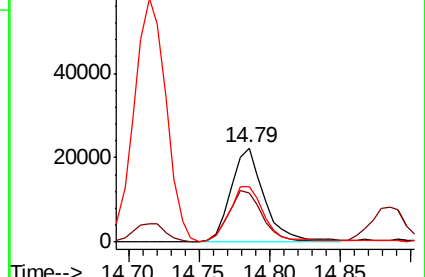
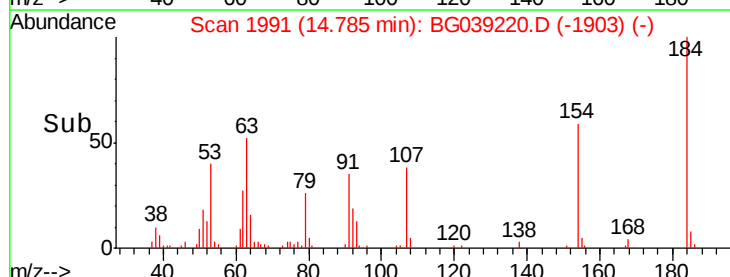
154 59.0 46.1 69.1

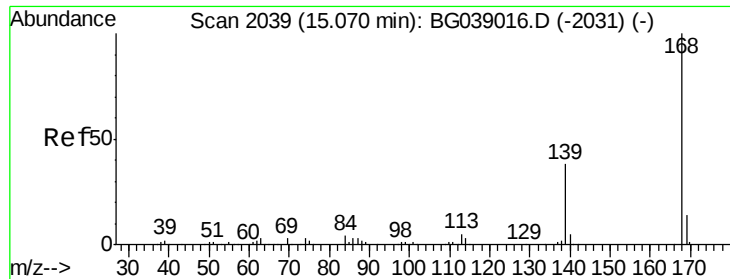


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

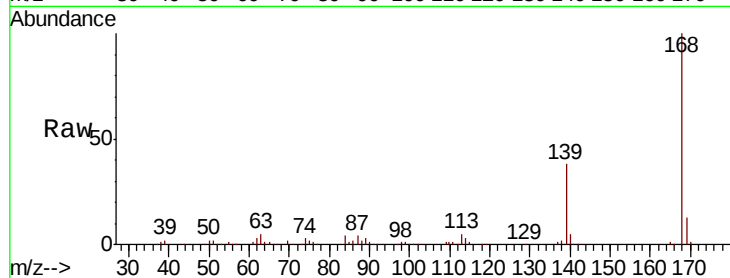




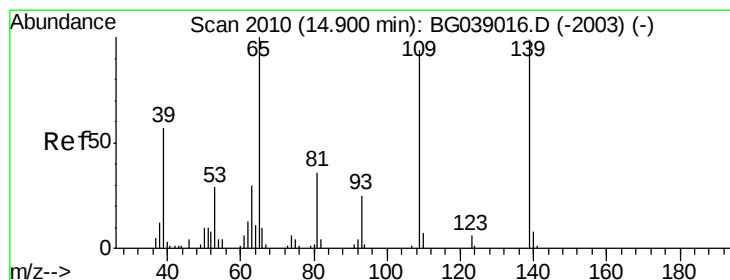
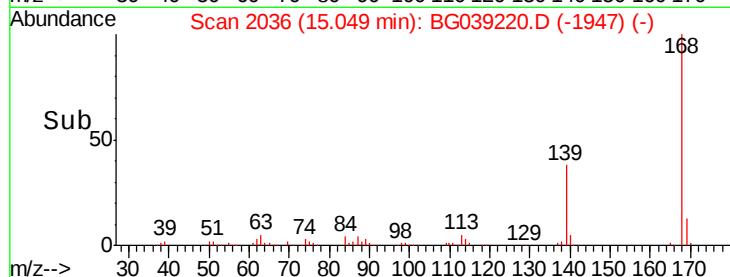
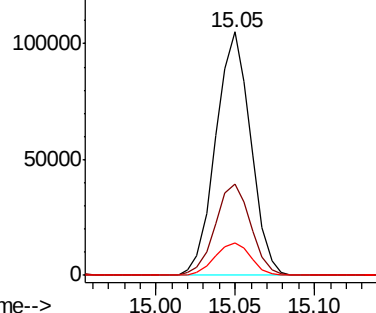
#55  
Dibenzenofuran  
Concen: 41.872 ng  
RT: 15.05 min Scan# 2036  
Delta R.T. -0.00 min  
Lab File: BG039220.D  
Acq: 18 Jan 2019 17:56

Instrument :  
BNA\_G  
ClientSampleId :  
PB116481BSD

Tgt Ion:168 Resp: 160789  
Ion Ratio Lower Upper  
168 100  
139 37.7 30.1 45.1  
169 13.3 10.9 16.3

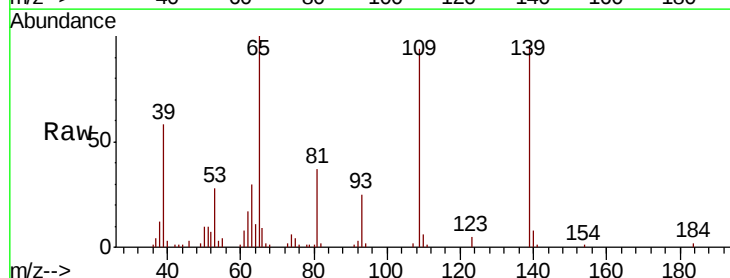


Abundance Ion 168.00 (167.70 to 168.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 169.00 (168.70 to 169.70): E

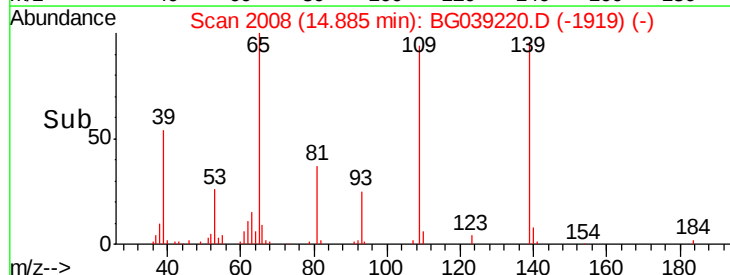
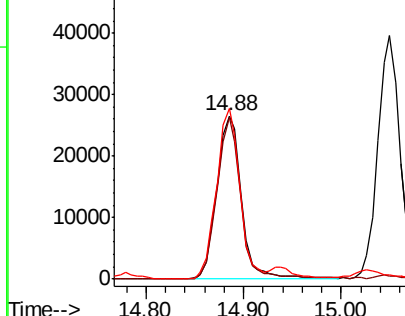


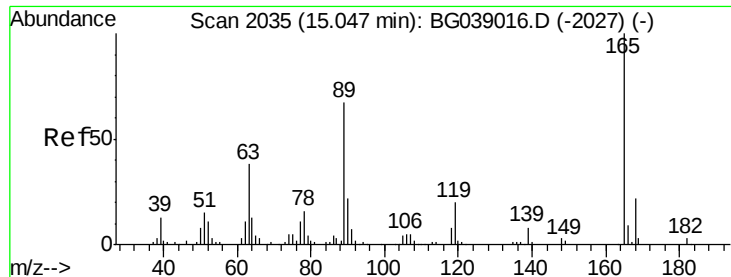
#56  
4-Nitrophenol  
Concen: 90.711 ng  
RT: 14.88 min Scan# 2008  
Delta R.T. -0.00 min  
Lab File: BG039220.D  
Acq: 18 Jan 2019 17:56

Tgt Ion:139 Resp: 46970  
Ion Ratio Lower Upper  
139 100  
109 98.6 75.6 115.6  
65 104.6 81.2 121.2



Abundance Ion 139.00 (138.70 to 139.70): E  
Ion 109.00 (108.70 to 109.70): E  
Ion 65.00 (64.70 to 65.70): BGO





#57

2,4-Dinitrotoluene

Concen: 42.984 ng

RT: 15.03 min Scan# 2032

Delta R.T. -0.00 min

Lab File: BG039220.D

Acq: 18 Jan 2019 17:56

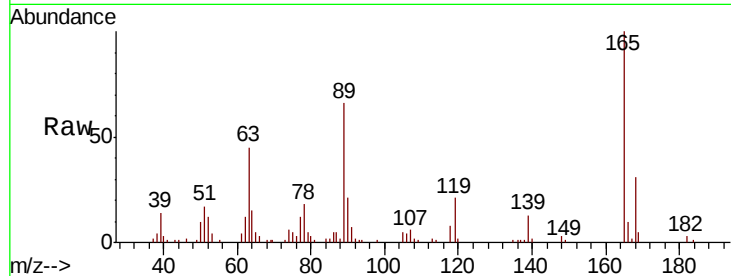
Instrument :

BNA\_G

ClientSampleId :

PB116481BSD

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 165   | Resp: | 43747 |
| Ion      | Ratio | Lower | Upper |
| 165      | 100   |       |       |
| 63       | 44.5  | 30.2  | 45.4  |
| 89       | 65.8  | 53.2  | 79.8  |
| 182      | 2.5   | 2.7   | 4.1#  |



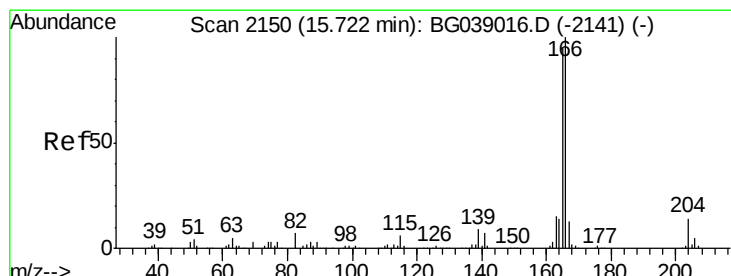
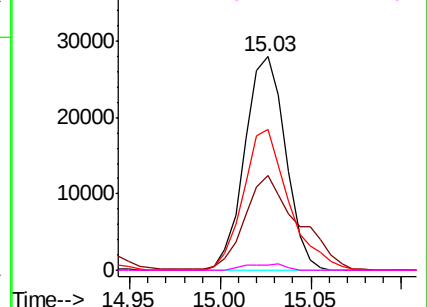
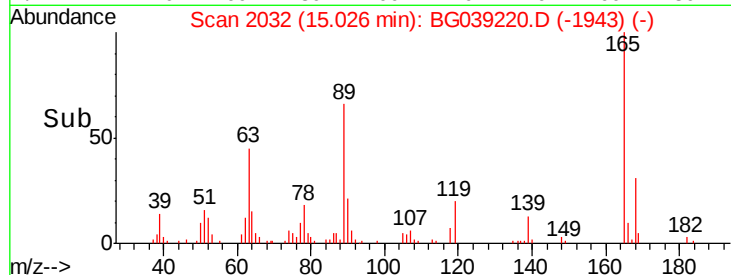
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 45.437 ng

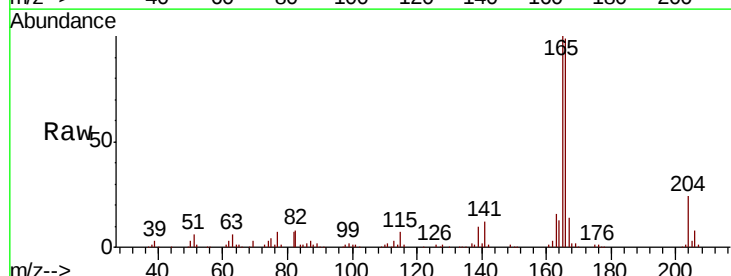
RT: 15.70 min Scan# 2146

Delta R.T. -0.01 min

Lab File: BG039220.D

Acq: 18 Jan 2019 17:56

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 166   | Resp: | 131335 |
| Ion      | Ratio | Lower | Upper  |
| 166      | 100   |       |        |
| 165      | 101.0 | 76.2  | 114.2  |
| 167      | 14.0  | 10.6  | 16.0   |

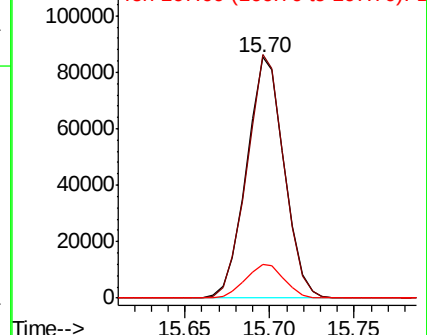
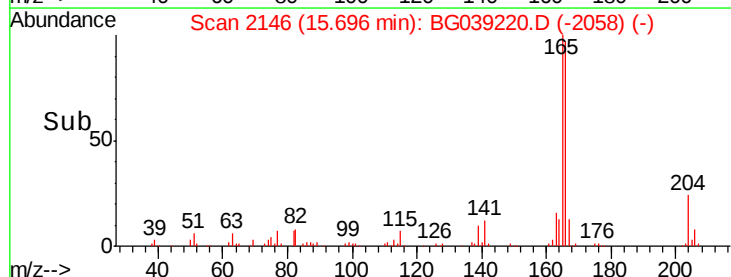


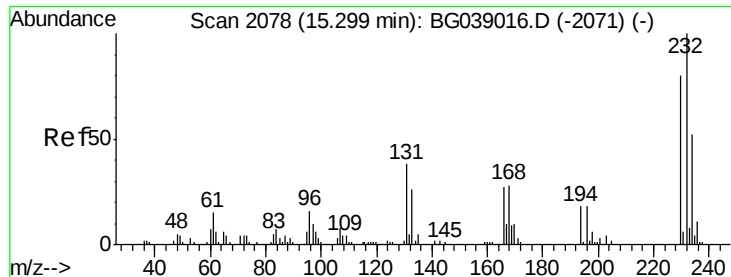
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

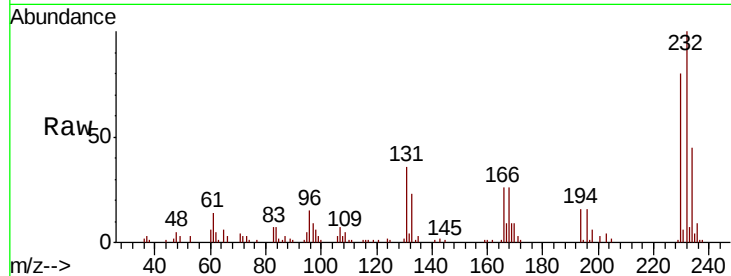




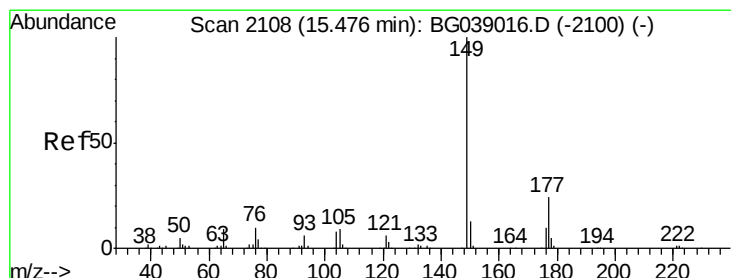
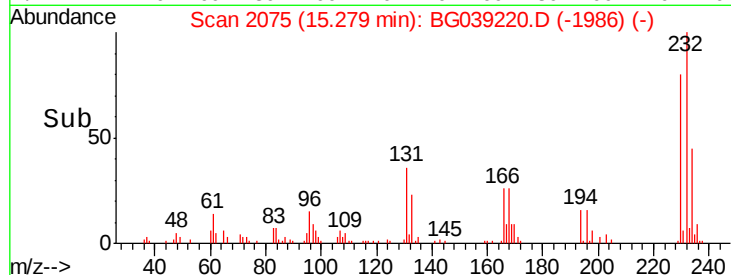
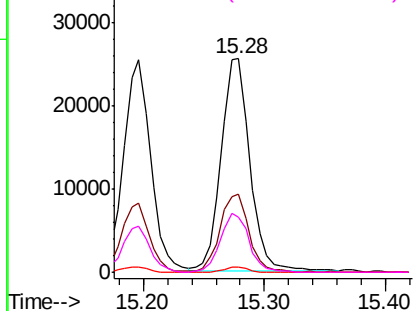
#59  
2,3,4,6-Tetrachlorophenol  
Concen: 47.478 ng  
RT: 15.28 min Scan# 2075  
Delta R.T. -0.00 min  
Lab File: BG039220.D  
Acq: 18 Jan 2019 17:56

Instrument :  
BNA\_G  
ClientSampleId :  
PB116481BSD

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 232   | Resp: | 42040 |
| Ion      | Ratio | Lower | Upper |
| 232      | 100   |       |       |
| 131      | 37.0  | 30.9  | 46.3  |
| 130      | 1.9   | 1.9   | 2.9   |
| 166      | 27.6  | 22.1  | 33.1  |

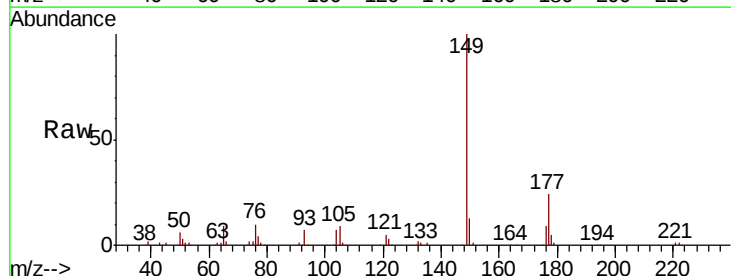


Abundance Ion 232.00 (231.70 to 232.70): E  
Ion 131.00 (130.70 to 131.70): E  
Ion 130.00 (129.70 to 130.70): E  
Ion 166.00 (165.70 to 166.70): E

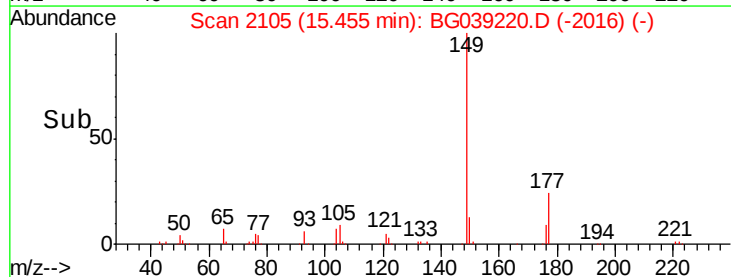
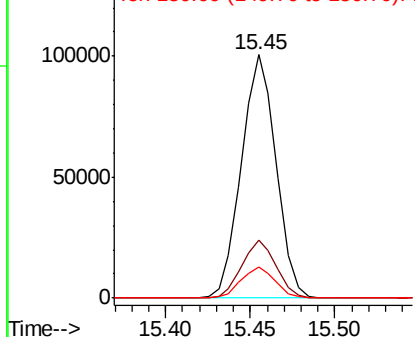


#60  
Diethylphthalate  
Concen: 43.882 ng  
RT: 15.45 min Scan# 2105  
Delta R.T. -0.00 min  
Lab File: BG039220.D  
Acq: 18 Jan 2019 17:56

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 149   | Resp: | 143458 |
| Ion      | Ratio | Lower | Upper  |
| 149      | 100   |       |        |
| 177      | 23.8  | 19.0  | 28.6   |
| 150      | 12.7  | 10.2  | 15.4   |



Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 177.00 (176.70 to 177.70): E  
Ion 150.00 (149.70 to 150.70): E

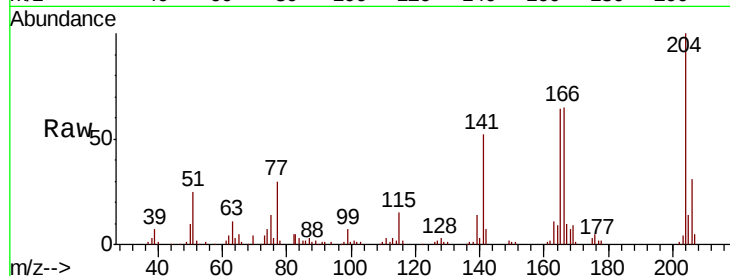




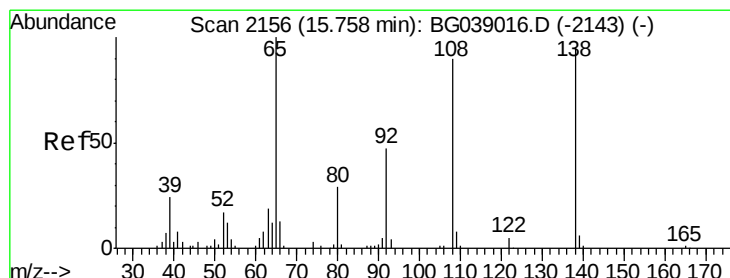
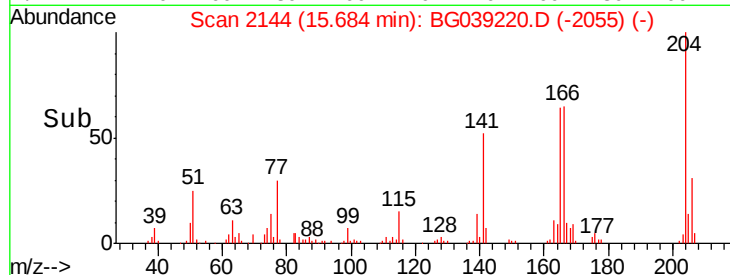
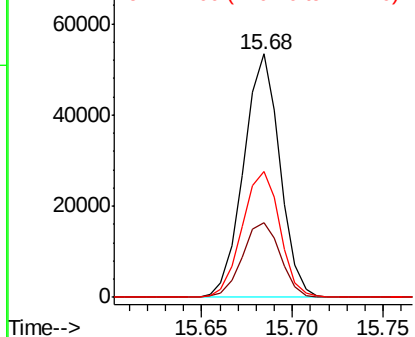
#61  
 4-Chlorophenyl-phenylether  
 Concen: 40.868 ng  
 RT: 15.68 min Scan# 2144  
 Delta R.T. -0.00 min  
 Lab File: BG039220.D  
 Acq: 18 Jan 2019 17:56

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB116481BSD

Tgt Ion:204 Resp: 74421  
 Ion Ratio Lower Upper  
 204 100  
 206 30.9 26.6 39.8  
 141 51.8 41.4 62.0

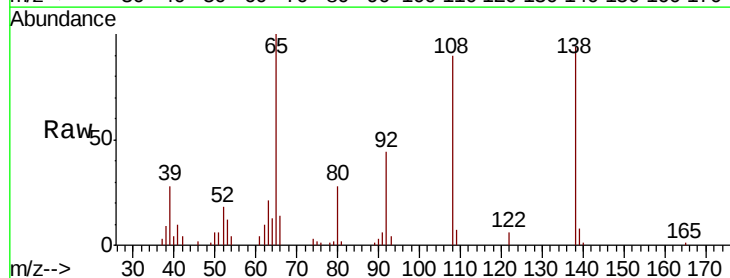


Abundance Ion 204.00 (203.70 to 204.70): E  
 Ion 206.00 (205.70 to 206.70): E  
 Ion 141.00 (140.70 to 141.70): E

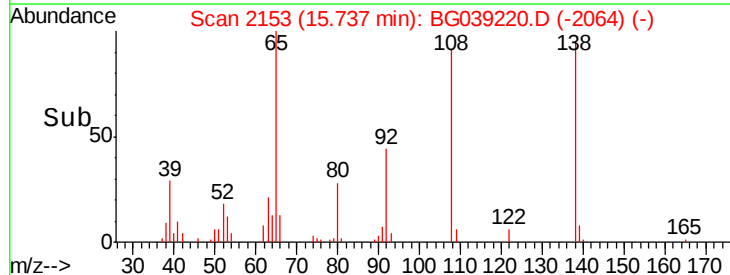
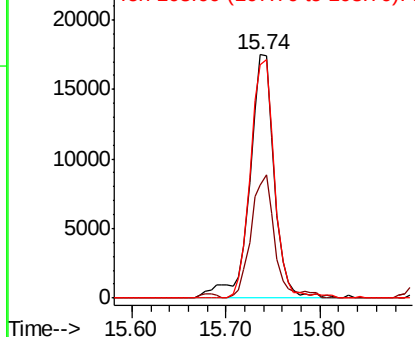


#62  
 4-Nitroaniline  
 Concen: 42.496 ng  
 RT: 15.74 min Scan# 2153  
 Delta R.T. -0.00 min  
 Lab File: BG039220.D  
 Acq: 18 Jan 2019 17:56

Tgt Ion:138 Resp: 31858  
 Ion Ratio Lower Upper  
 138 100  
 92 46.4 29.7 69.7  
 108 96.1 75.7 115.7



Abundance Ion 138.00 (137.70 to 138.70): E  
 Ion 92.00 (91.70 to 92.70): BG  
 Ion 108.00 (107.70 to 108.70): E

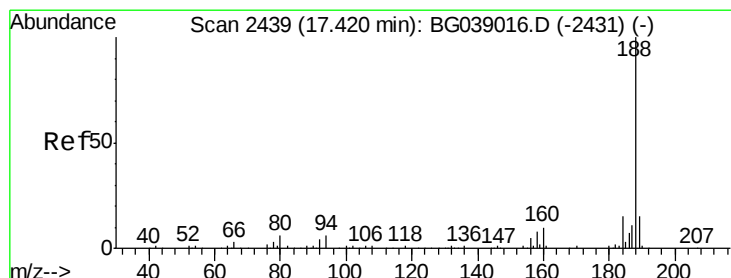
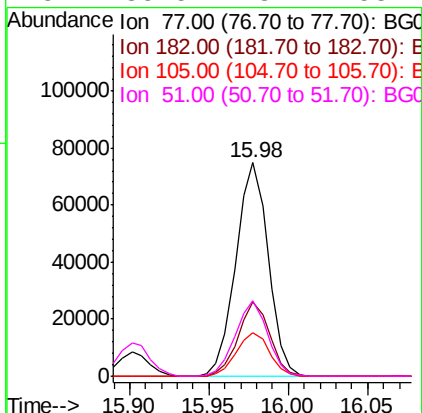
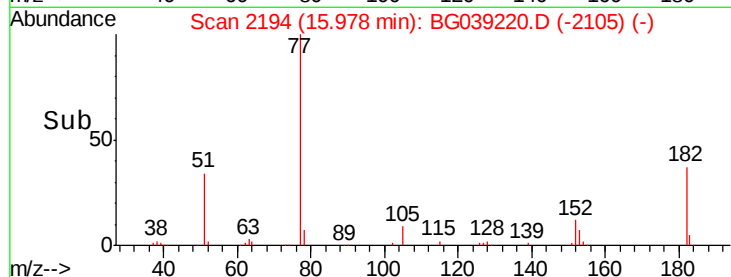
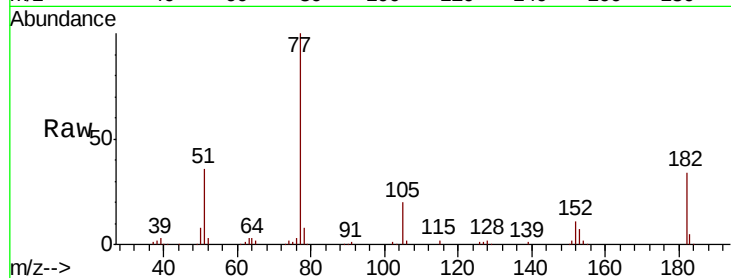




#63  
Azobenzene  
Concen: 41.490 ng  
RT: 15.98 min Scan# 2194  
Delta R.T. -0.00 min  
Lab File: BG039220.D  
Acq: 18 Jan 2019 17:56

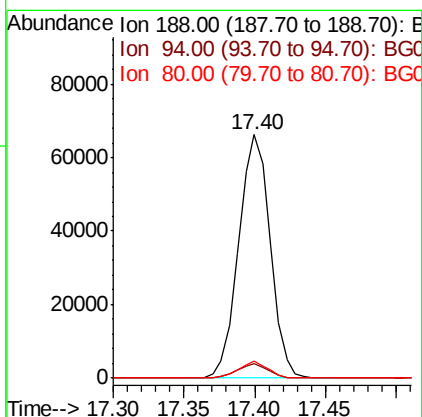
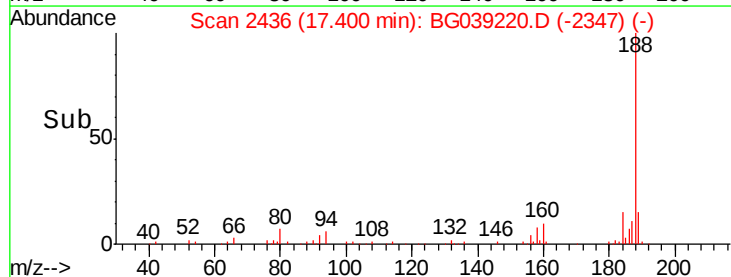
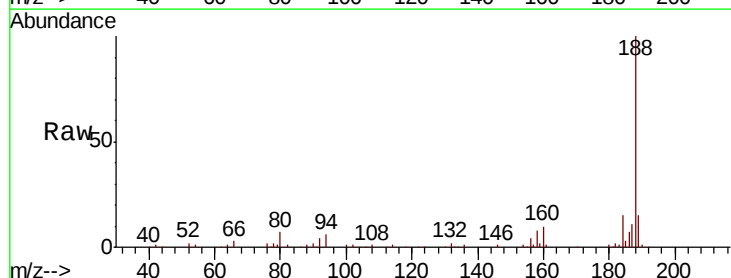
Instrument :  
BNA\_G  
ClientSampleId :  
PB116481BSD

Tgt Ion: 77 Resp: 106072  
Ion Ratio Lower Upper  
77 100  
182 34.5 12.2 52.2  
105 20.4 1.2 41.2  
51 35.5 13.4 53.4



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.40 min Scan# 2436  
Delta R.T. -0.00 min  
Lab File: BG039220.D  
Acq: 18 Jan 2019 17:56

Tgt Ion: 188 Resp: 103302  
Ion Ratio Lower Upper  
188 100  
94 5.9 5.0 7.4  
80 7.1 4.7 7.1

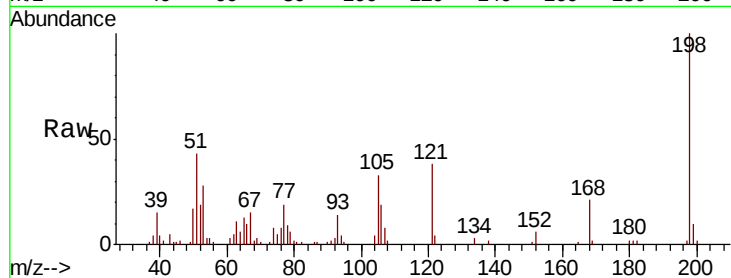




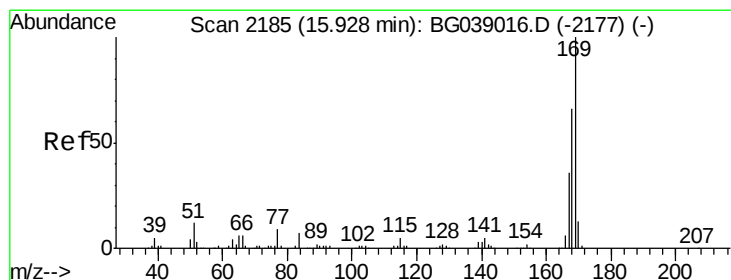
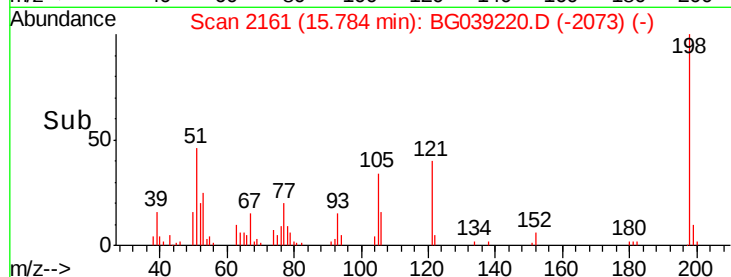
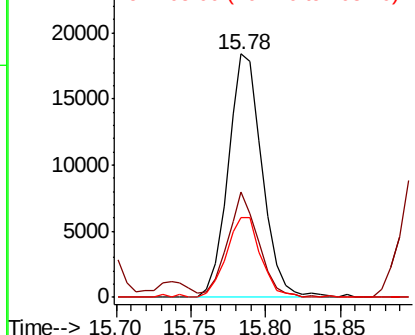
#65  
 4,6-Dinitro-2-methylphenol  
 Concen: 38.170 ng  
 RT: 15.78 min Scan# 2161  
 Delta R.T. -0.01 min  
 Lab File: BG039220.D  
 Acq: 18 Jan 2019 17:56

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB116481BSD

Tgt Ion:198 Resp: 29212  
 Ion Ratio Lower Upper  
 198 100  
 51 43.4 20.8 60.8  
 105 32.6 16.1 56.1

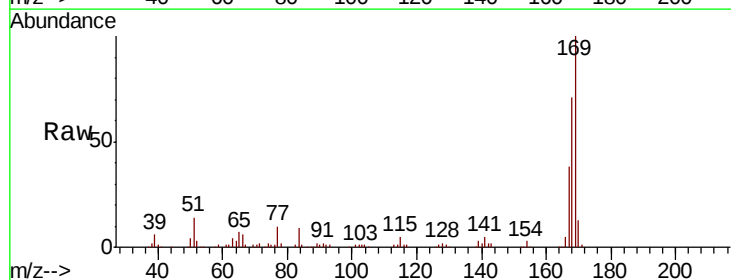


Abundance Ion 198.00 (197.70 to 198.70): E  
 Ion 51.00 (50.70 to 51.70): BG  
 Ion 105.00 (104.70 to 105.70): E

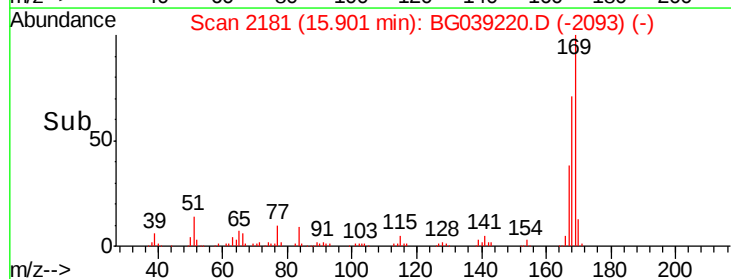
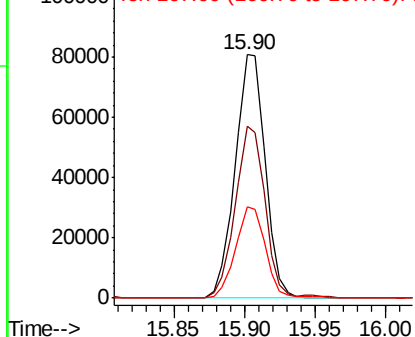


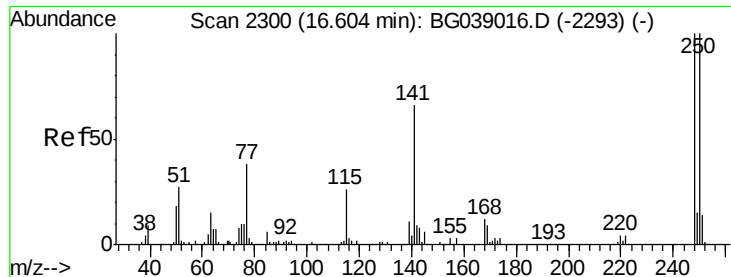
#66  
 n-Nitrosodiphenylamine  
 Concen: 39.099 ng  
 RT: 15.90 min Scan# 2181  
 Delta R.T. -0.01 min  
 Lab File: BG039220.D  
 Acq: 18 Jan 2019 17:56

Tgt Ion:169 Resp: 119737  
 Ion Ratio Lower Upper  
 169 100  
 168 70.7 53.2 79.8  
 167 37.7 29.1 43.7



Abundance Ion 169.00 (168.70 to 169.70): E  
 Ion 168.00 (167.70 to 168.70): E  
 Ion 167.00 (166.70 to 167.70): E

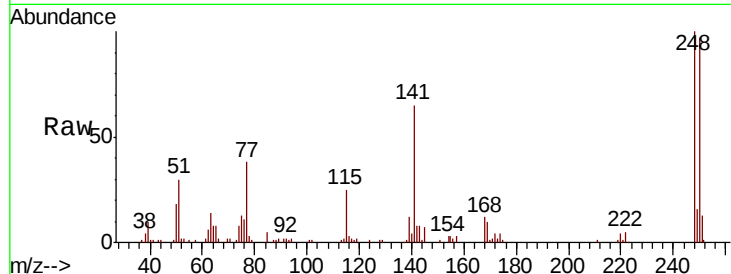




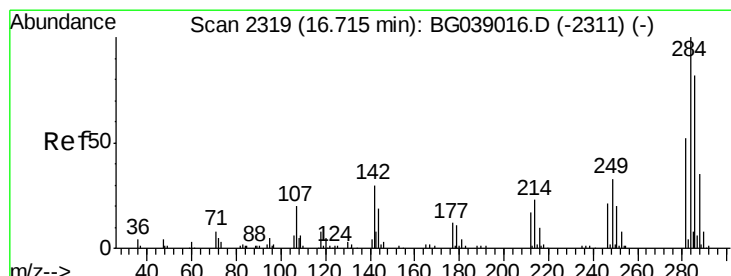
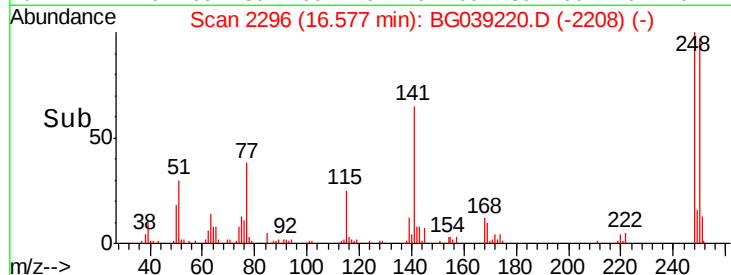
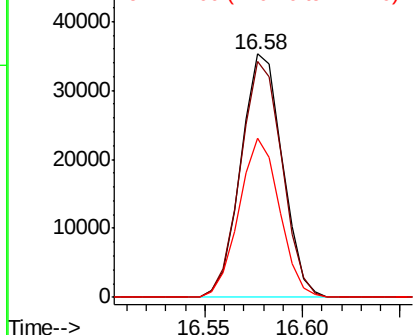
#67  
 4-Bromophenyl-phenylether  
 Concen: 39.105 ng  
 RT: 16.58 min Scan# 2296  
 Delta R.T. -0.01 min  
 Lab File: BG039220.D  
 Acq: 18 Jan 2019 17:56

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB116481BSD

Tgt Ion:248 Resp: 51928  
 Ion Ratio Lower Upper  
 248 100  
 250 97.0 79.9 119.9  
 141 65.2 52.7 79.1

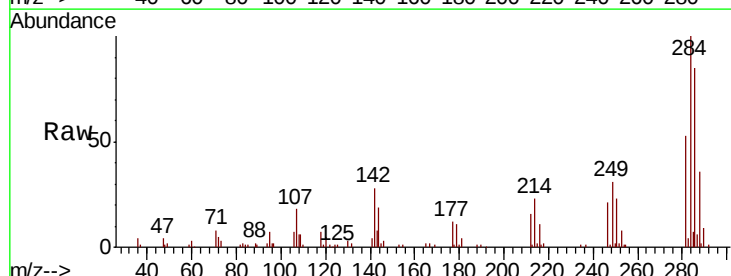


Abundance Ion 248.00 (247.70 to 248.70): E  
 Ion 250.00 (249.70 to 250.70): E  
 Ion 141.00 (140.70 to 141.70): E

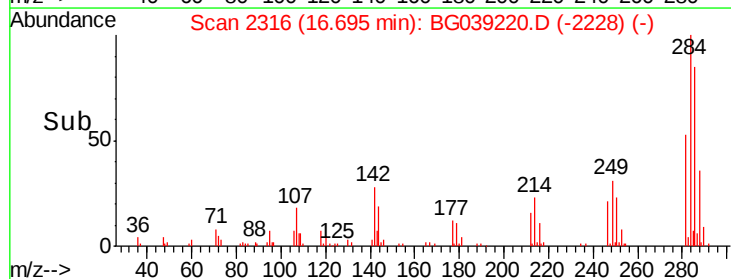
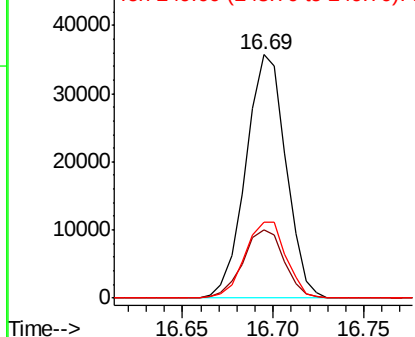


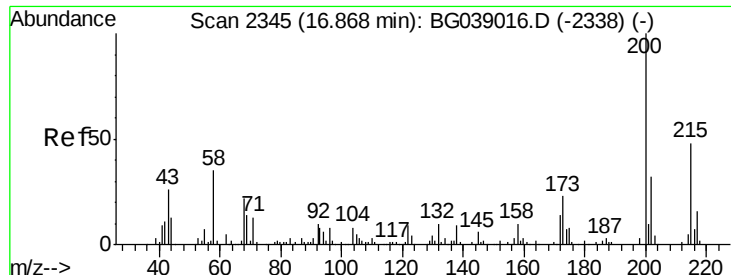
#68  
 Hexachlorobenzene  
 Concen: 37.774 ng  
 RT: 16.69 min Scan# 2316  
 Delta R.T. -0.01 min  
 Lab File: BG039220.D  
 Acq: 18 Jan 2019 17:56

Tgt Ion:284 Resp: 54734  
 Ion Ratio Lower Upper  
 284 100  
 142 28.0 24.3 36.5  
 249 33.4 27.8 41.8



Abundance Ion 283.80 (283.50 to 284.50): E  
 Ion 142.00 (141.70 to 142.70): E  
 Ion 249.00 (248.70 to 249.70): E

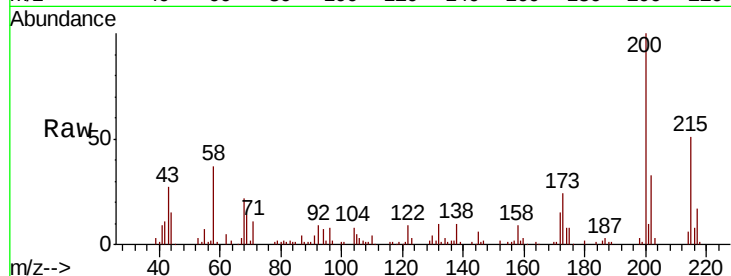




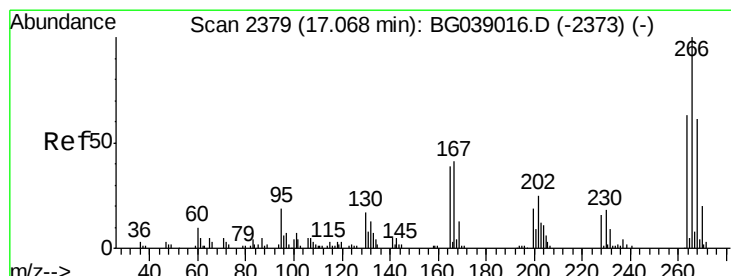
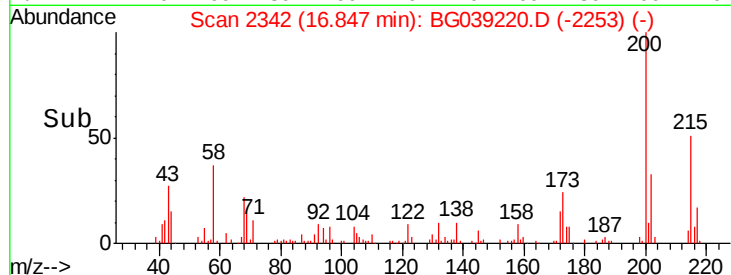
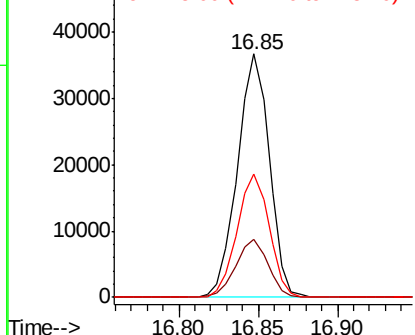
#69  
 Atrazine  
 Concen: 39.289 ng  
 RT: 16.85 min Scan# 2342  
 Delta R.T. -0.00 min  
 Lab File: BG039220.D  
 Acq: 18 Jan 2019 17:56

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB116481BSD

Tgt Ion:200 Resp: 51113  
 Ion Ratio Lower Upper  
 200 100  
 173 24.1 2.6 42.6  
 215 50.8 28.0 68.0

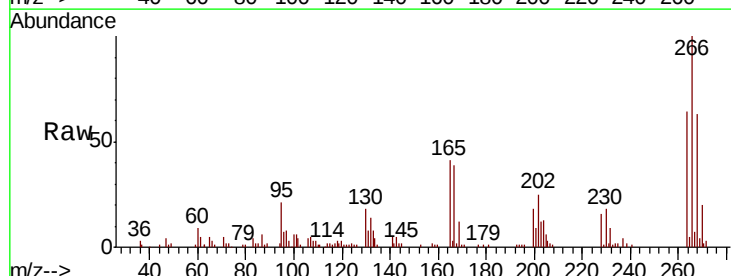


Abundance Ion 200.00 (199.70 to 200.70): E  
 Ion 173.00 (172.70 to 173.70): E  
 Ion 215.00 (214.70 to 215.70): E

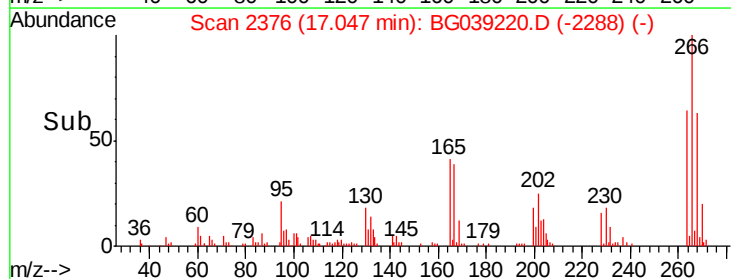
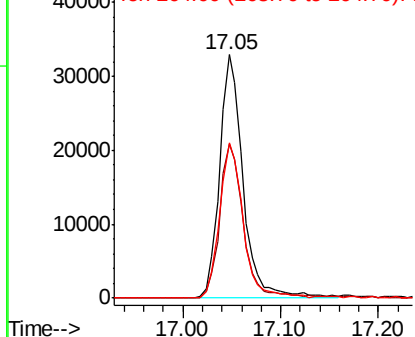


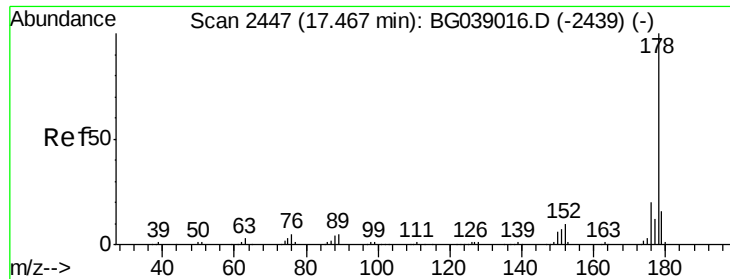
#70  
 Pentachlorophenol  
 Concen: 62.728 ng  
 RT: 17.05 min Scan# 2376  
 Delta R.T. -0.01 min  
 Lab File: BG039220.D  
 Acq: 18 Jan 2019 17:56

Tgt Ion:266 Resp: 54949  
 Ion Ratio Lower Upper  
 266 100  
 268 66.8 52.0 78.0  
 264 64.0 54.6 81.8



Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 268.00 (267.70 to 268.70): E  
 Ion 264.00 (263.70 to 264.70): E

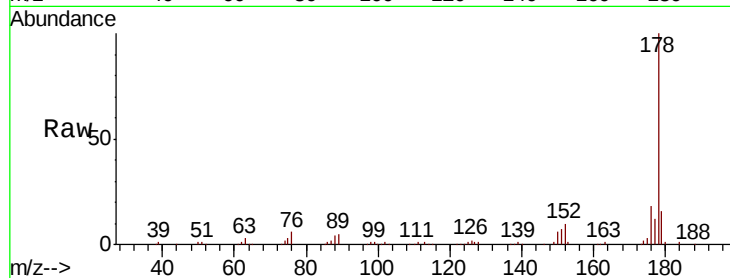




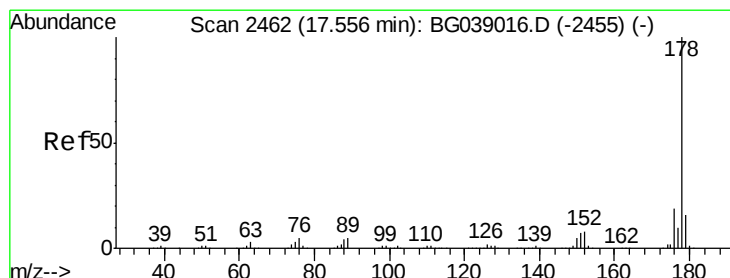
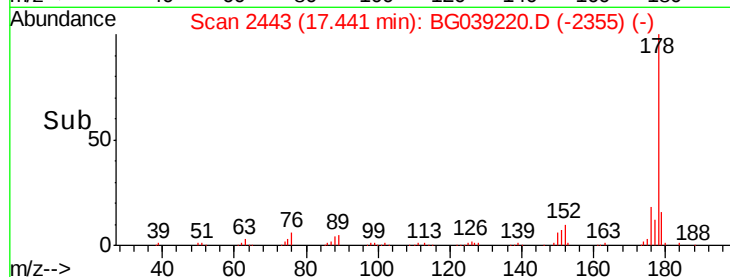
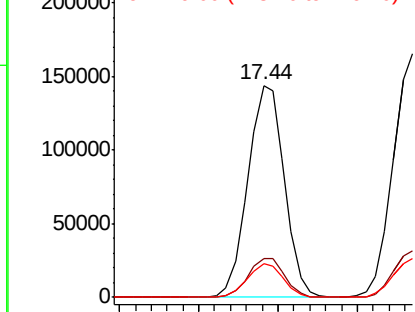
#71  
Phenanthrene  
Concen: 42.025 ng  
RT: 17.44 min Scan# 2443  
Delta R.T. -0.01 min  
Lab File: BG039220.D  
Acq: 18 Jan 2019 17:56

Instrument :  
BNA\_G  
ClientSampleId :  
PB116481BSD

Tgt Ion:178 Resp: 229465  
Ion Ratio Lower Upper  
178 100  
176 18.2 15.7 23.5  
179 16.1 12.9 19.3

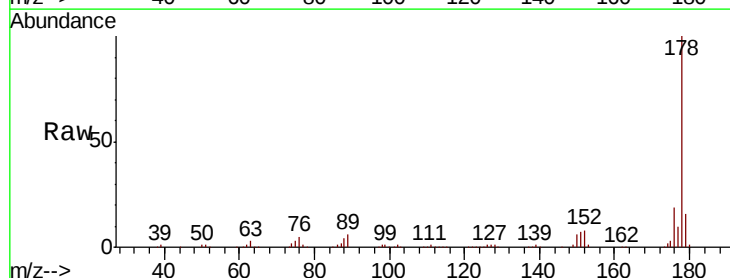


Abundance Ion 178.00 (177.70 to 178.70): E  
Ion 176.00 (175.70 to 176.70): E  
Ion 179.00 (178.70 to 179.70): E

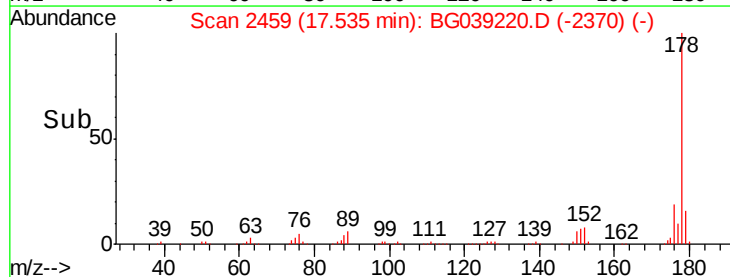
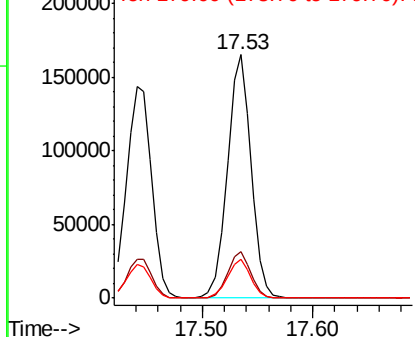


#72  
Anthracene  
Concen: 45.751 ng  
RT: 17.53 min Scan# 2459  
Delta R.T. -0.00 min  
Lab File: BG039220.D  
Acq: 18 Jan 2019 17:56

Tgt Ion:178 Resp: 246994  
Ion Ratio Lower Upper  
178 100  
176 18.9 14.9 22.3  
179 15.8 13.0 19.4



Abundance Ion 178.00 (177.70 to 178.70): E  
Ion 176.00 (175.70 to 176.70): E  
Ion 179.00 (178.70 to 179.70): E

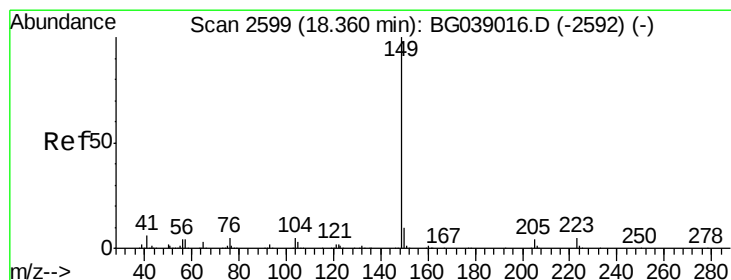
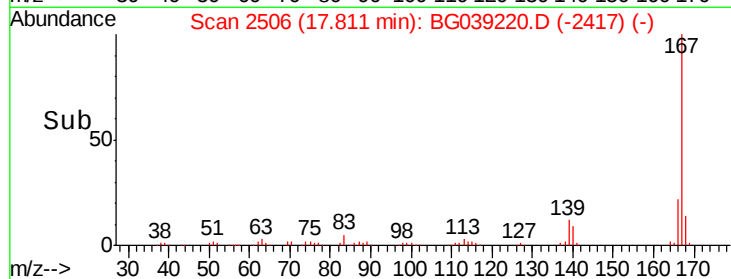
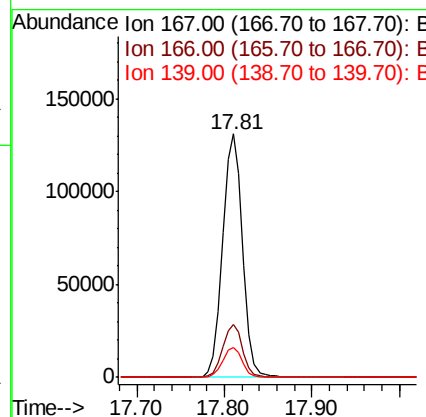
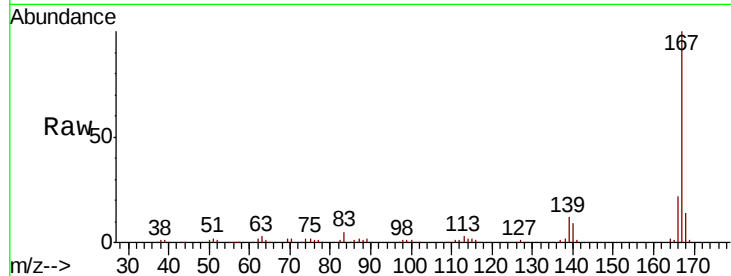




#73  
 Carbazole  
 Concen: 38.721 ng  
 RT: 17.81 min Scan# 2506  
 Delta R.T. -0.00 min  
 Lab File: BG039220.D  
 Acq: 18 Jan 2019 17:56

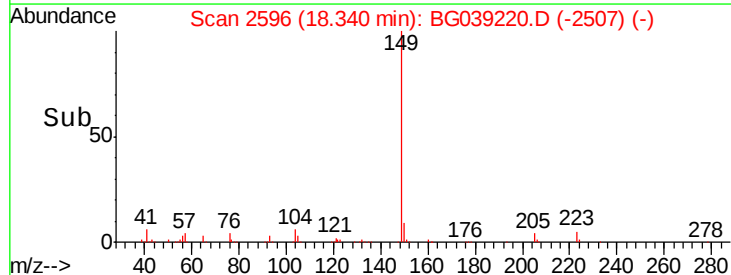
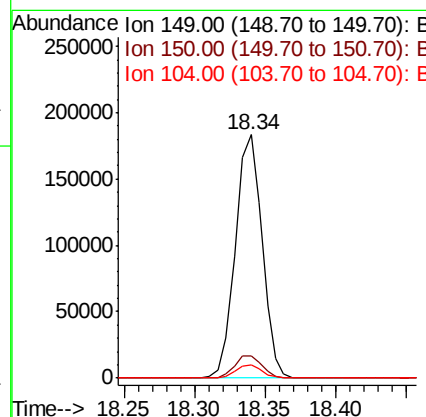
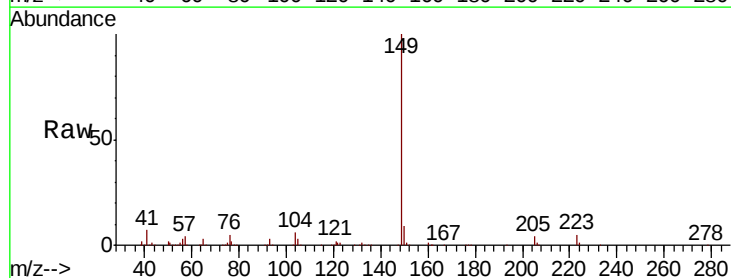
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB116481BSD

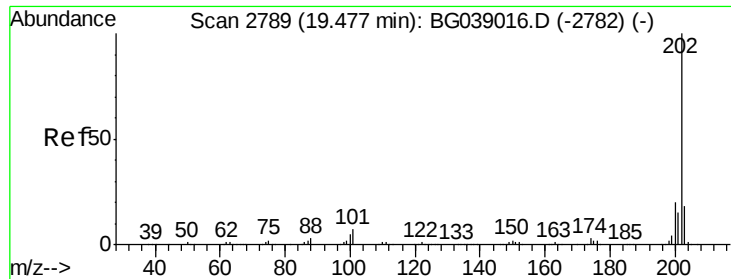
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 21.9  | 16.9  | 25.3  |
| 139     | 12.2  | 10.0  | 15.0  |



#74  
 Di-n-butylphthalate  
 Concen: 40.736 ng  
 RT: 18.34 min Scan# 2596  
 Delta R.T. -0.00 min  
 Lab File: BG039220.D  
 Acq: 18 Jan 2019 17:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 9.0   | 7.9   | 11.9  |
| 104     | 5.5   | 4.2   | 6.2   |

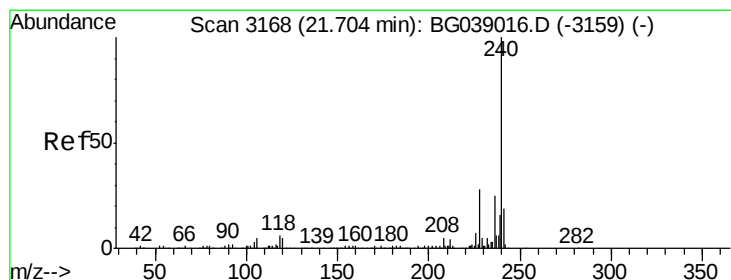
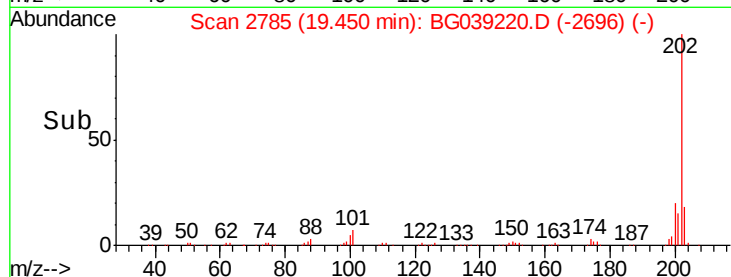
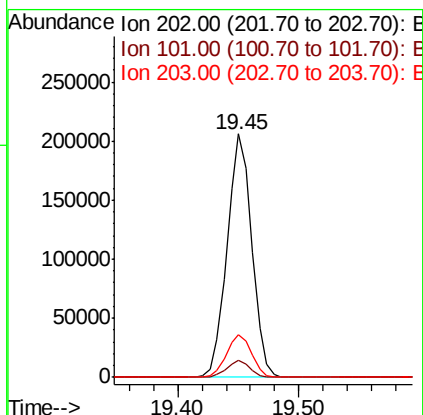
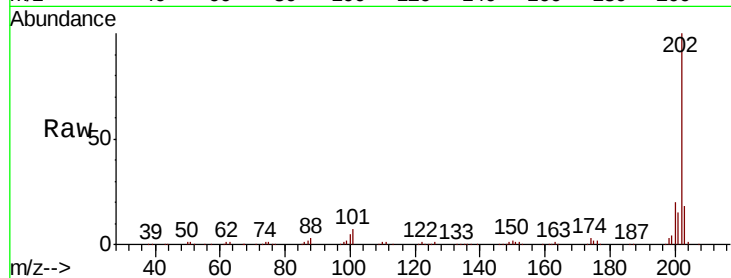




#75  
 Fluoranthene  
 Concen: 43.274 ng  
 RT: 19.45 min Scan# 2785  
 Delta R.T. -0.00 min  
 Lab File: BG039220.D  
 Acq: 18 Jan 2019 17:56

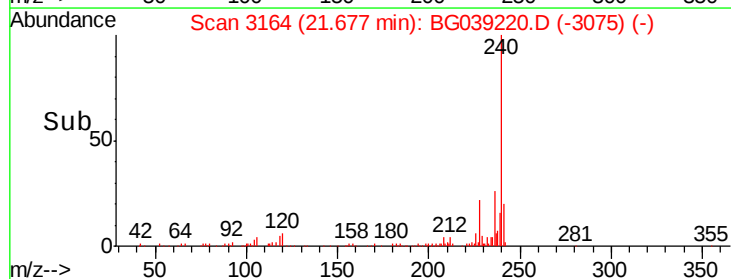
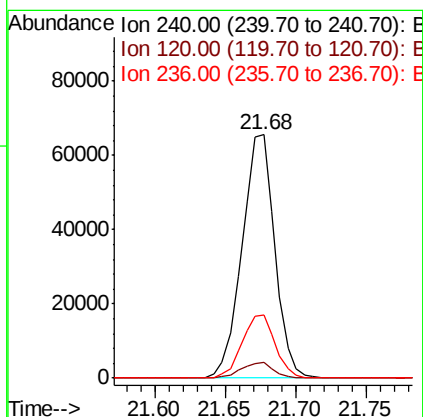
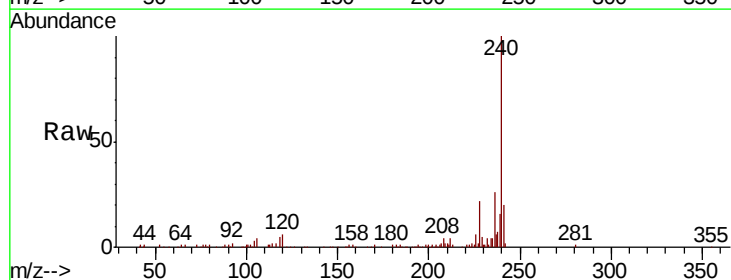
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB116481BSD

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 202   | Resp: | 292920 |
| Ion      | Ratio | Lower | Upper  |
| 202      | 100   |       |        |
| 101      | 6.8   | 0.0   | 26.9   |
| 203      | 17.7  | 0.0   | 38.1   |



#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 21.68 min Scan# 3164  
 Delta R.T. -0.00 min  
 Lab File: BG039220.D  
 Acq: 18 Jan 2019 17:56

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 240   | Resp: | 106407 |
| Ion      | Ratio | Lower | Upper  |
| 240      | 100   |       |        |
| 120      | 6.4   | 4.3   | 6.5    |
| 236      | 25.9  | 20.1  | 30.1   |





#77

Benzidine

Concen: 35.080 ng

RT: 19.64 min Scan# 2817

Delta R.T. -0.00 min

Lab File: BG039220.D

Acq: 18 Jan 2019 17:56

Instrument :

BNA\_G

ClientSampleId :

PB116481BSD

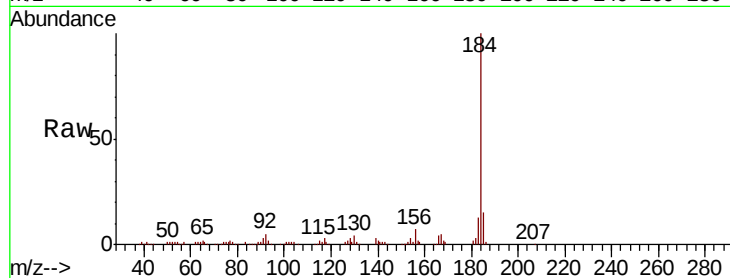
Tgt Ion:184 Resp: 114172

Ion Ratio Lower Upper

184 100

185 14.8 12.1 18.1

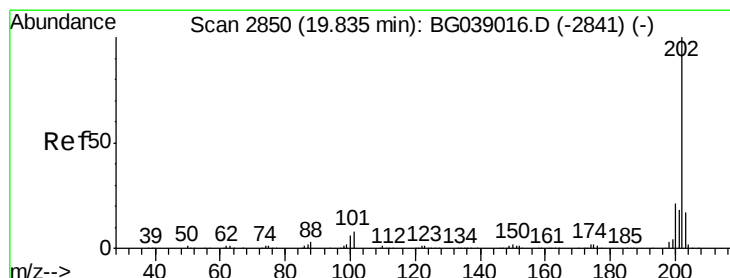
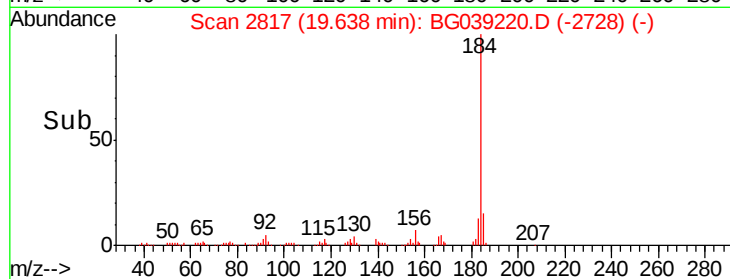
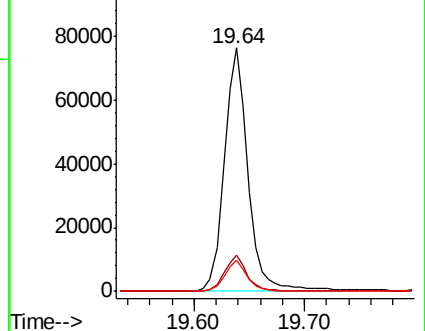
183 12.7 9.5 14.3



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 42.716 ng

RT: 19.81 min Scan# 2847

Delta R.T. -0.00 min

Lab File: BG039220.D

Acq: 18 Jan 2019 17:56

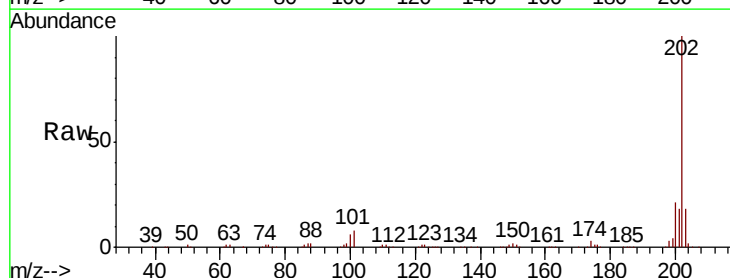
Tgt Ion:202 Resp: 289665

Ion Ratio Lower Upper

202 100

200 20.9 17.0 25.6

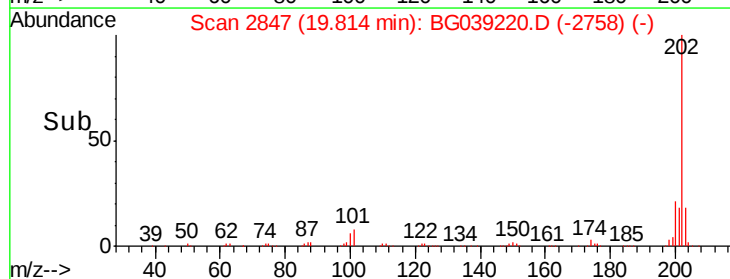
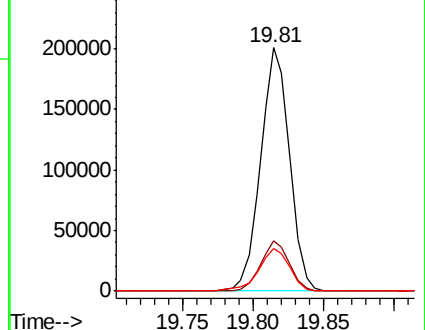
203 17.8 14.0 21.0

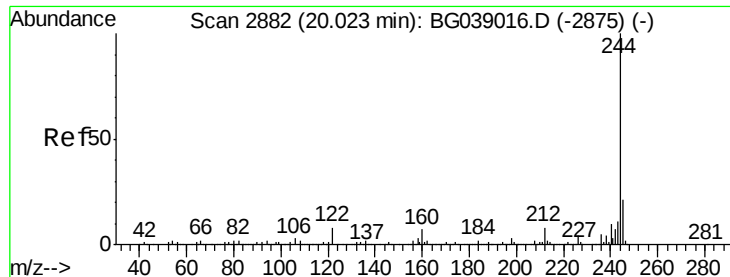


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 81.170 ng

RT: 20.00 min Scan# 2879

Delta R.T. -0.00 min

Lab File: BG039220.D

Acq: 18 Jan 2019 17:56

Instrument :

BNA\_G

ClientSampleId :

PB116481BSD

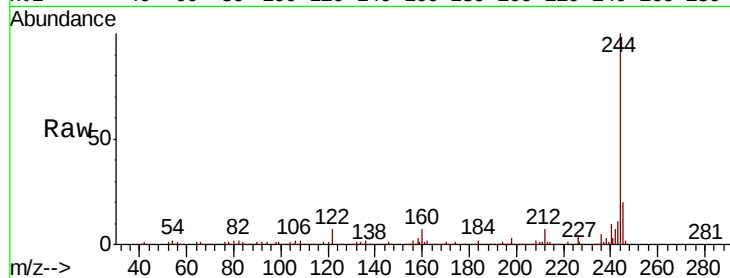
Tgt Ion:244 Resp: 466897

Ion Ratio Lower Upper

244 100

212 7.3 6.1 9.1

122 6.9 6.1 9.1

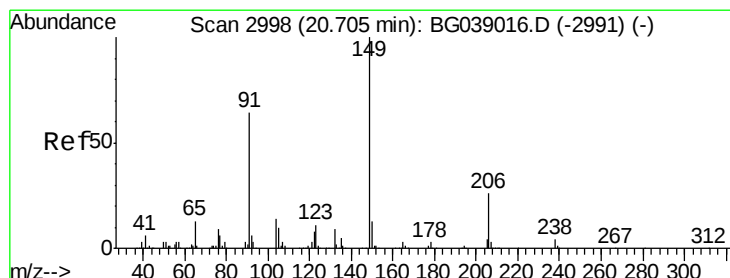
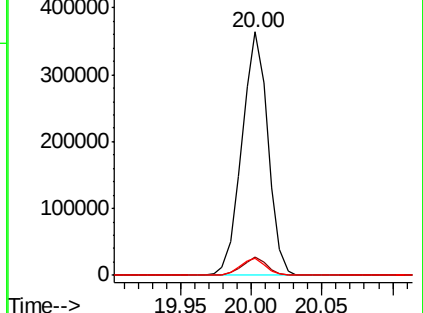
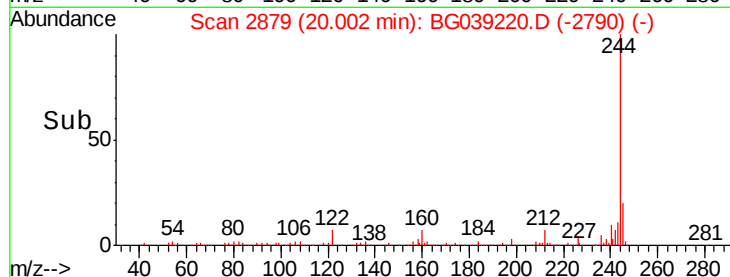


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

Time-->



#80

Butylbenzylphthalate

Concen: 41.146 ng

RT: 20.68 min Scan# 2995

Delta R.T. -0.00 min

Lab File: BG039220.D

Acq: 18 Jan 2019 17:56

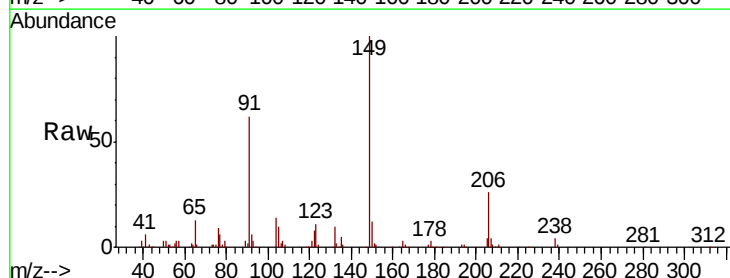
Tgt Ion:149 Resp: 106122

Ion Ratio Lower Upper

149 100

91 62.3 51.4 77.0

206 25.9 20.4 30.6

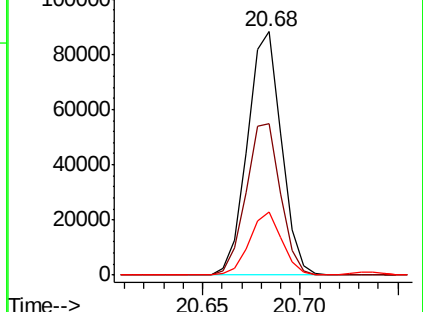
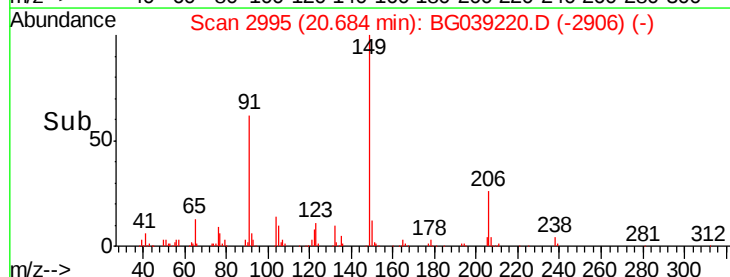


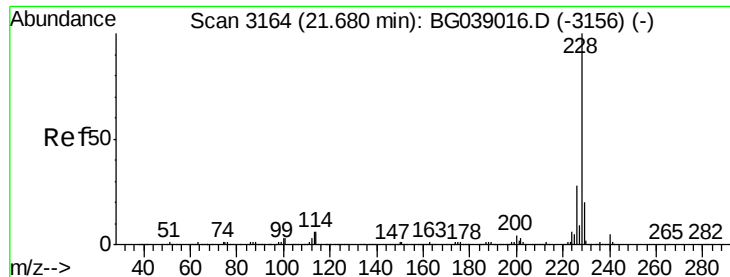
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

Time-->





#81

Benzo(a)anthracene

Concen: 44.271 ng

RT: 21.65 min Scan# 3160

Delta R.T. -0.00 min

Lab File: BG039220.D

Acq: 18 Jan 2019 17:56

Instrument :

BNA\_G

ClientSampleId :

PB116481BSD

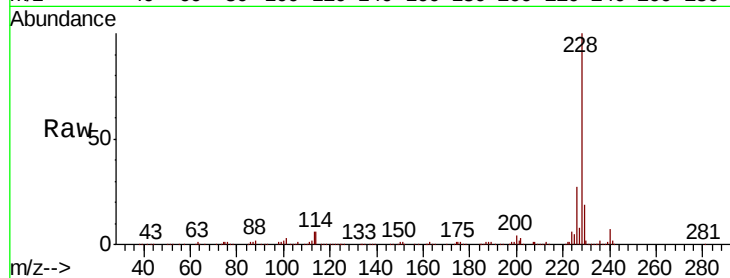
Tgt Ion:228 Resp: 286765

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 27.0  | 22.4  | 33.6  |
| 229 | 18.6  | 16.2  | 24.2  |

228 100

226 27.0 22.4 33.6

229 18.6 16.2 24.2

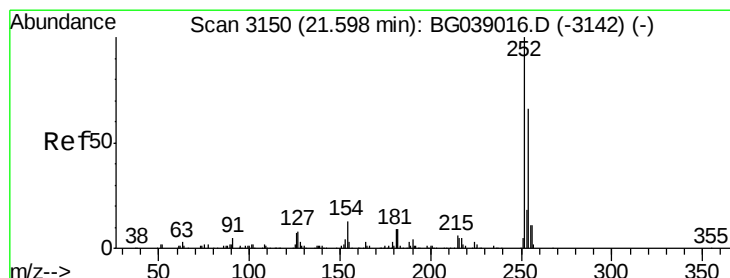
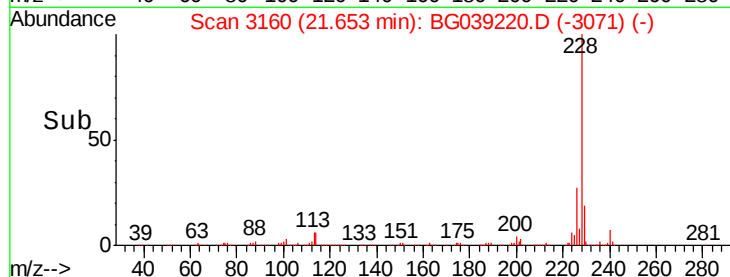
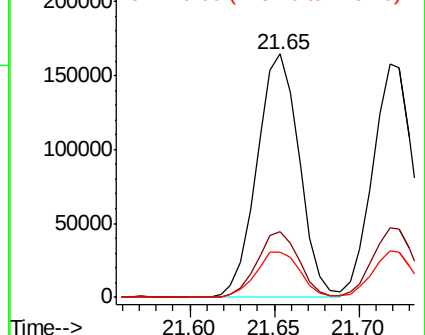


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 24.506 ng

RT: 21.57 min Scan# 3146

Delta R.T. -0.00 min

Lab File: BG039220.D

Acq: 18 Jan 2019 17:56

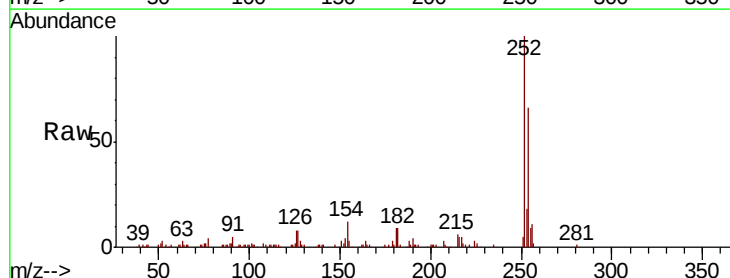
Tgt Ion:252 Resp: 64678

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 254 | 65.6  | 53.0  | 79.6  |
| 126 | 7.8   | 6.0   | 9.0   |

252 100

254 65.6 53.0 79.6

126 7.8 6.0 9.0

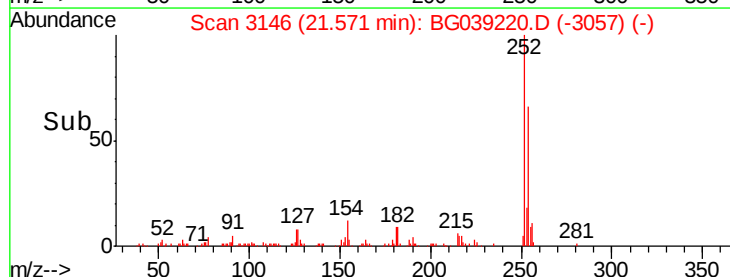
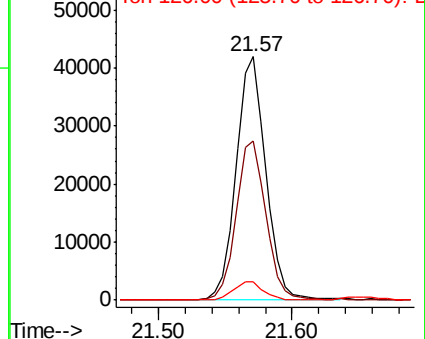


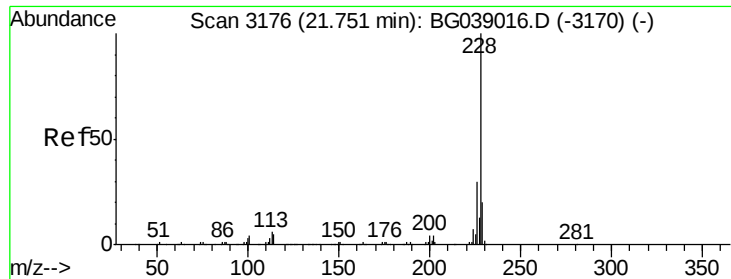
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 42.658 ng

RT: 21.72 min Scan# 3171

Delta R.T. -0.01 min

Lab File: BG039220.D

Acq: 18 Jan 2019 17:56

Instrument :

BNA\_G

ClientSampleId :

PB116481BSD

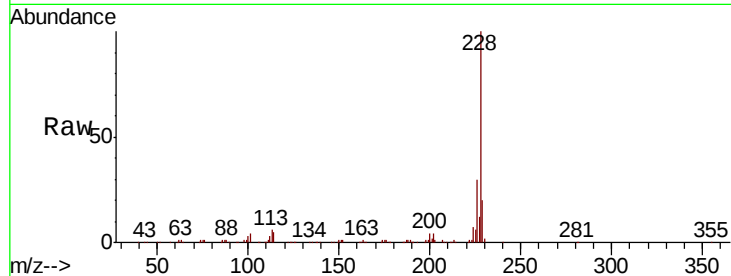
Tgt Ion:228 Resp: 262806

Ion Ratio Lower Upper

228 100

226 30.1 24.1 36.1

229 19.9 16.0 24.0

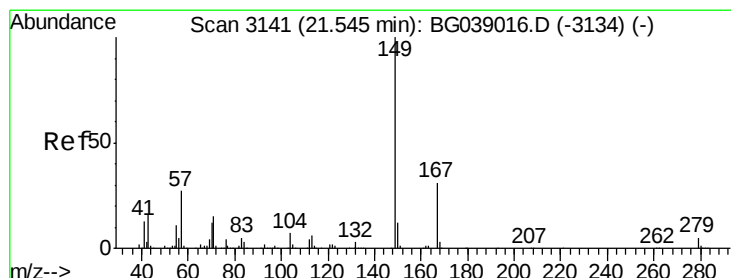
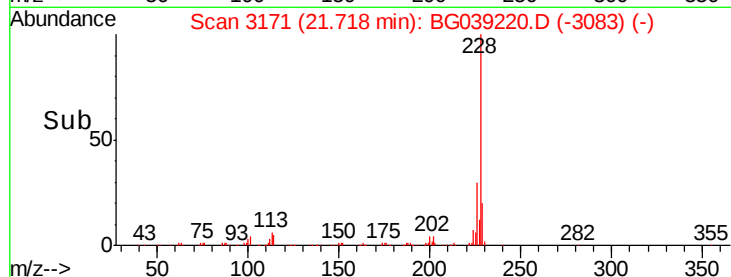
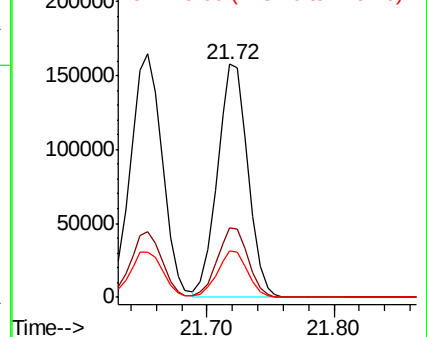


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.726 ng

RT: 21.52 min Scan# 3137

Delta R.T. -0.01 min

Lab File: BG039220.D

Acq: 18 Jan 2019 17:56

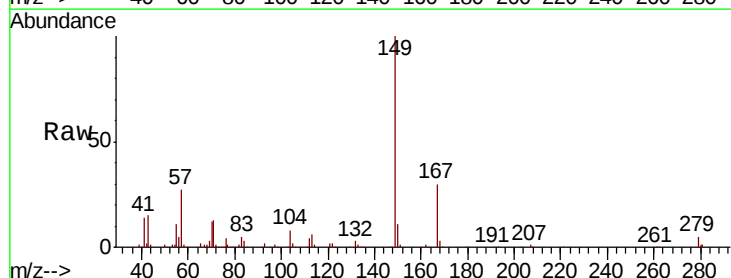
Tgt Ion:149 Resp: 153009

Ion Ratio Lower Upper

149 100

167 30.3 25.0 37.4

279 5.4 4.3 6.5

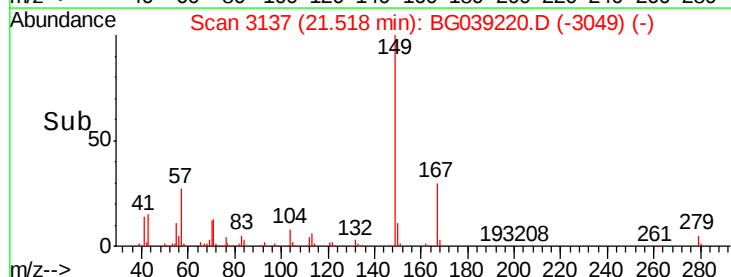
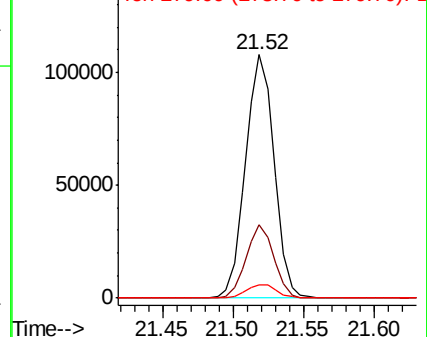


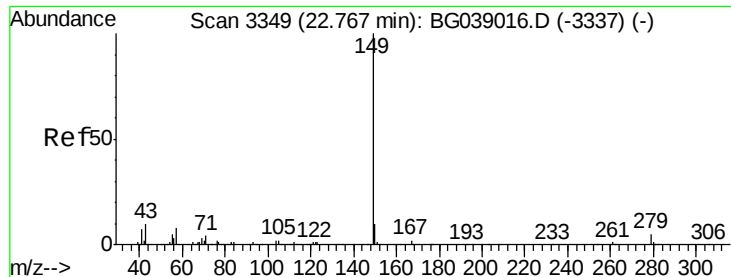
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

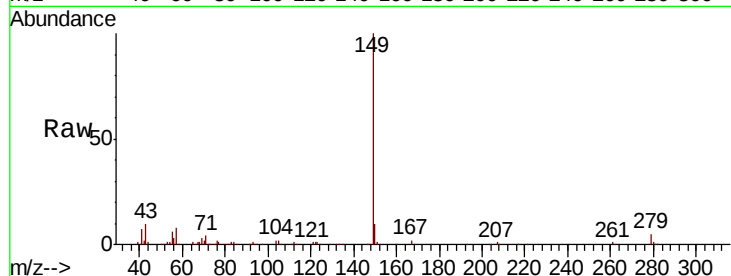




#85  
Di-n-octyl phthalate  
Concen: 42.893 ng  
RT: 22.73 min Scan# 3343  
Delta R.T. -0.01 min  
Lab File: BG039220.D  
Acq: 18 Jan 2019 17:56

Instrument :  
BNA\_G  
ClientSampleId :  
PB116481BSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 1.8   | 1.3   | 1.9   |
| 43      | 10.3  | 7.5   | 11.3  |

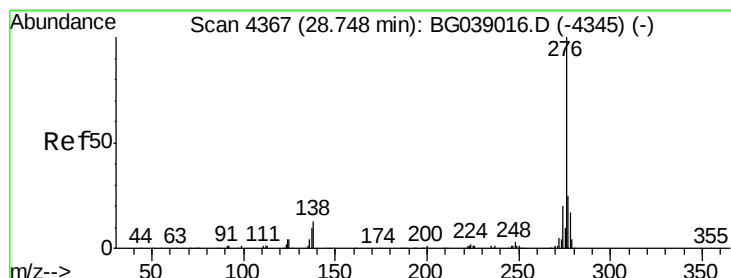
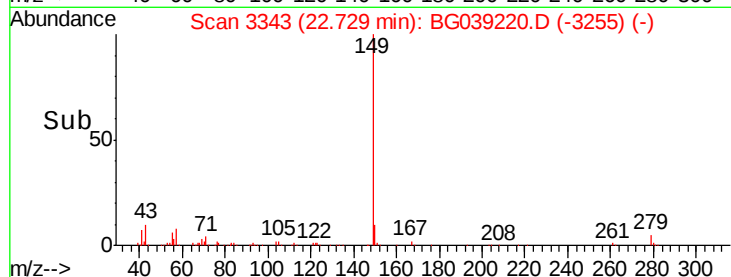
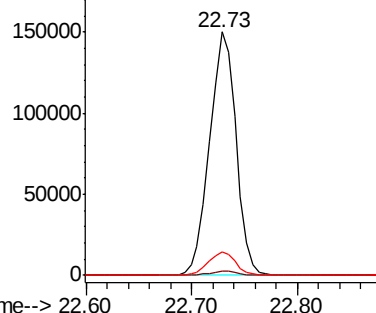


Abundance

Ion 149.00 (148.70 to 149.70): E

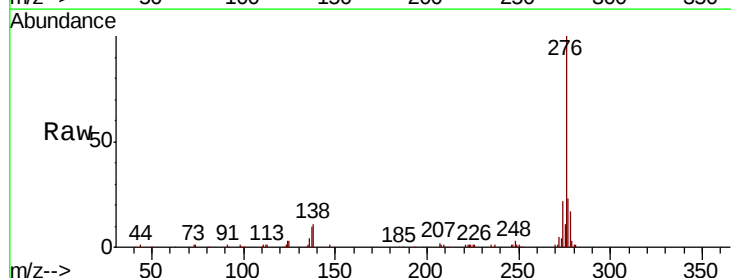
Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86  
Indeno(1,2,3-cd)pyrene  
Concen: 44.096 ng  
RT: 28.67 min Scan# 4354  
Delta R.T. -0.02 min  
Lab File: BG039220.D  
Acq: 18 Jan 2019 17:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 15.0  | 8.0   | 12.0# |
| 277     | 25.5  | 20.3  | 30.5  |

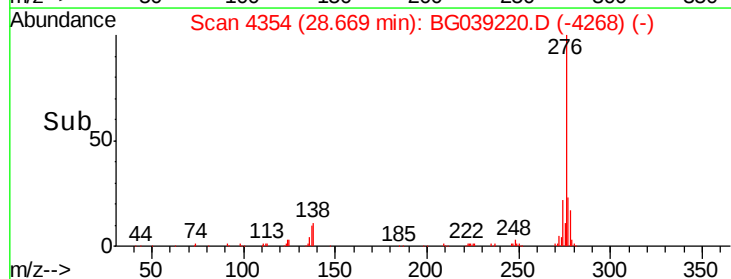
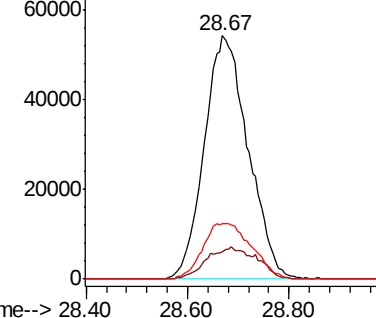


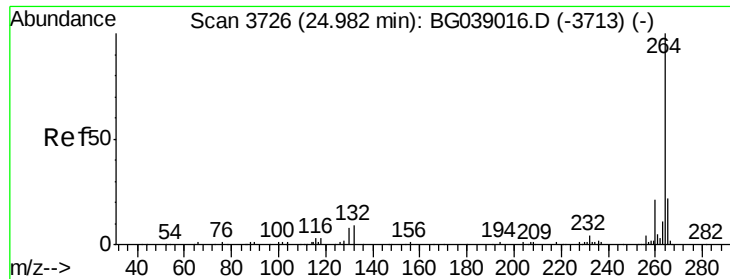
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

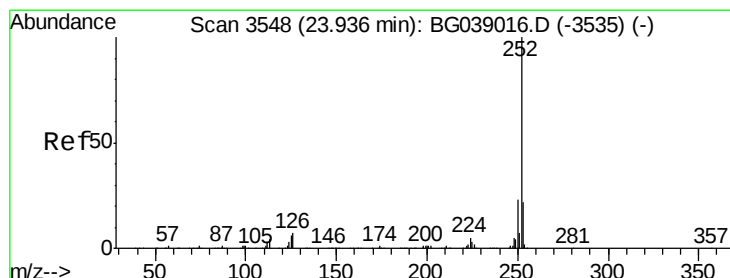
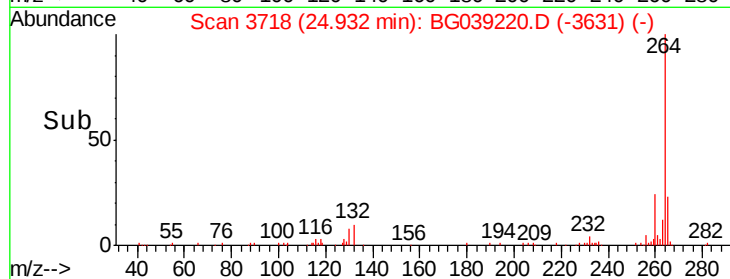
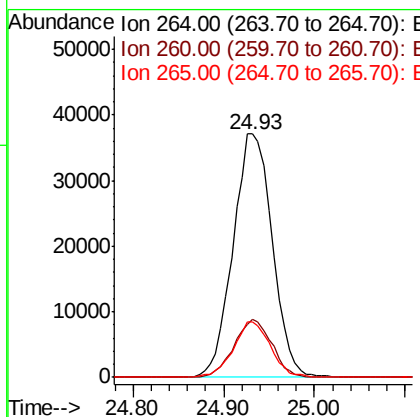
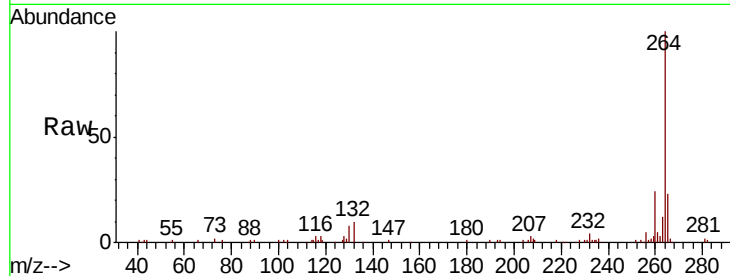




#87  
Perylene-d12  
Concen: 20.000 ng  
RT: 24.93 min Scan# 3718  
Delta R.T. -0.02 min  
Lab File: BG039220.D  
Acq: 18 Jan 2019 17:56

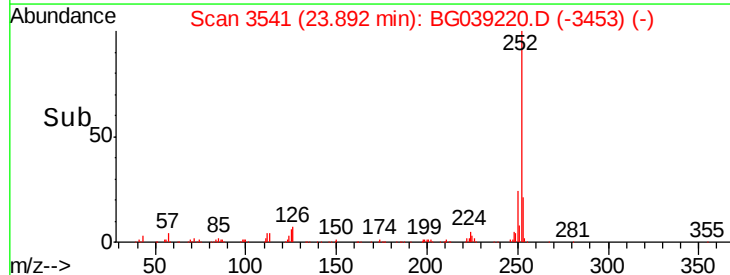
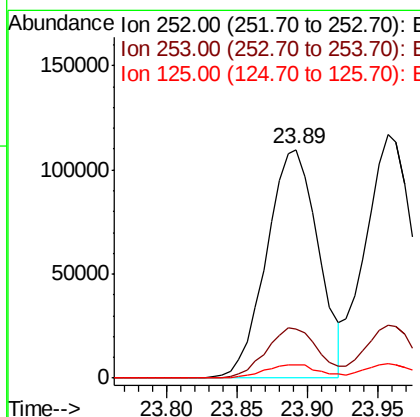
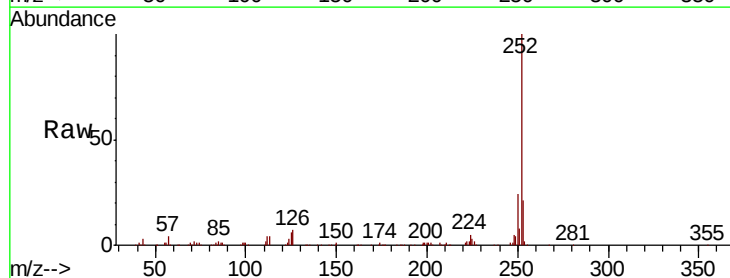
Instrument :  
BNA\_G  
ClientSampleId :  
PB116481BSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 24.0  | 17.0  | 25.6  |
| 265     | 22.6  | 17.2  | 25.8  |



#88  
Benzo(b)fluoranthene  
Concen: 45.697 ng  
RT: 23.89 min Scan# 3541  
Delta R.T. -0.01 min  
Lab File: BG039220.D  
Acq: 18 Jan 2019 17:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.3  | 17.8  | 26.6  |
| 125     | 5.8   | 4.9   | 7.3   |





#89

Benzo(k)fluoranthene

Concen: 45.565 ng

RT: 23.96 min Scan# 3552

Delta R.T. -0.01 min

Lab File: BG039220.D

Acq: 18 Jan 2019 17:56

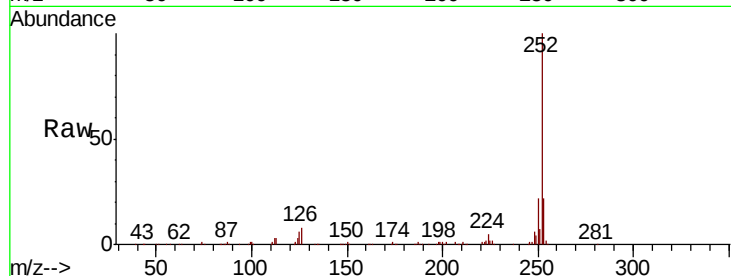
Instrument :

BNA\_G

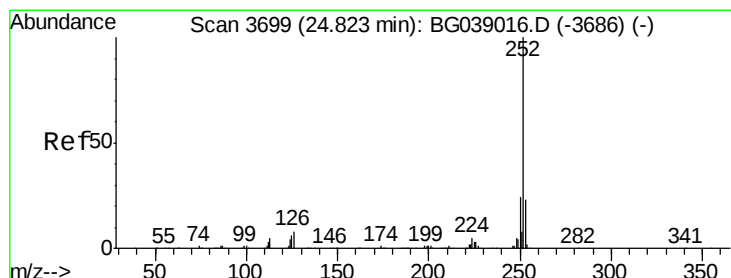
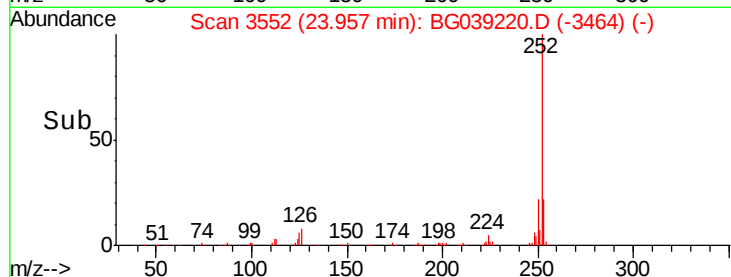
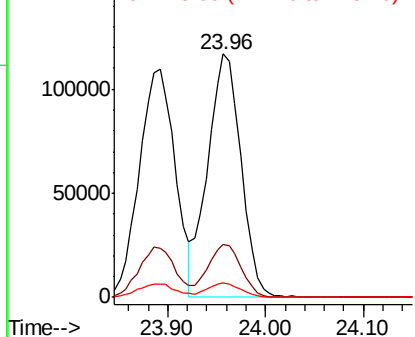
ClientSampleId :

PB116481BSD

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 252   | Resp: | 276514 |
| Ion      | Ratio | Lower | Upper  |
| 252      | 100   |       |        |
| 253      | 21.6  | 17.1  | 25.7   |
| 125      | 5.9   | 4.6   | 7.0    |



Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 253.00 (252.70 to 253.70): E  
Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 45.454 ng

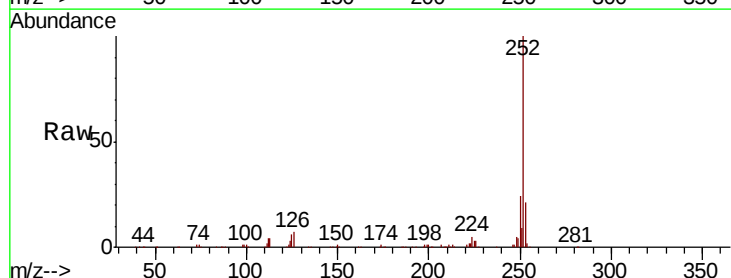
RT: 24.78 min Scan# 3692

Delta R.T. -0.01 min

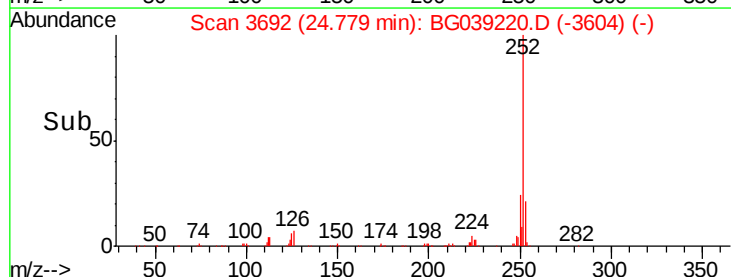
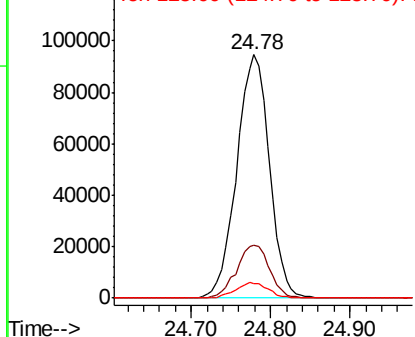
Lab File: BG039220.D

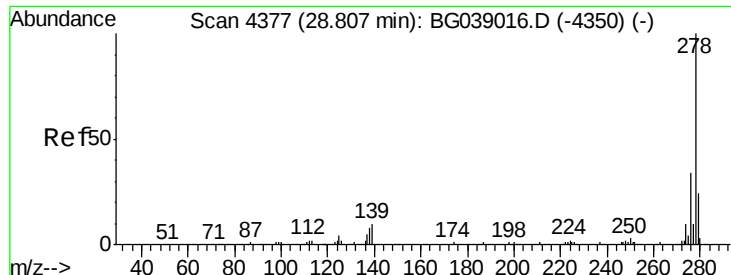
Acq: 18 Jan 2019 17:56

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 252   | Resp: | 269659 |
| Ion      | Ratio | Lower | Upper  |
| 252      | 100   |       |        |
| 253      | 21.5  | 18.3  | 27.5   |
| 125      | 6.0   | 4.9   | 7.3    |



Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 253.00 (252.70 to 253.70): E  
Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 45.277 ng

RT: 28.73 min Scan# 4365

Delta R.T. -0.01 min

Lab File: BG039220.D

Acq: 18 Jan 2019 17:56

Instrument :

BNA\_G

ClientSampleId :

PB116481BSD

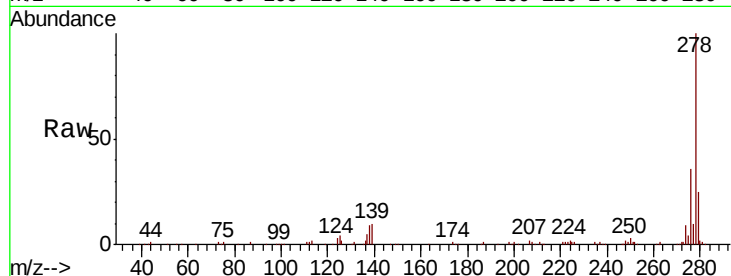
Tgt Ion:278 Resp: 267178

Ion Ratio Lower Upper

278 100

139 9.7 7.9 11.9

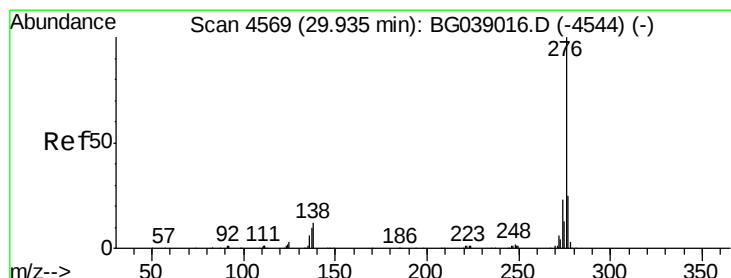
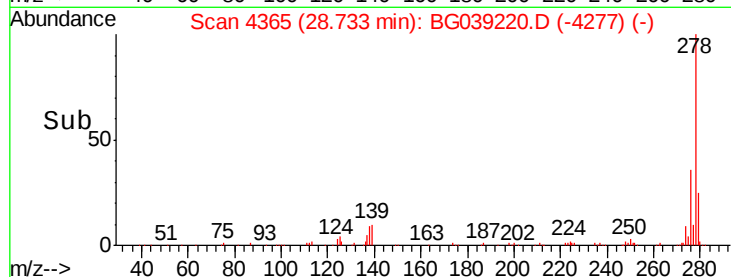
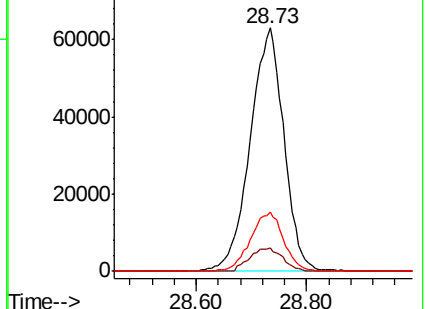
279 24.5 19.3 28.9



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 46.121 ng

RT: 29.86 min Scan# 4557

Delta R.T. -0.01 min

Lab File: BG039220.D

Acq: 18 Jan 2019 17:56

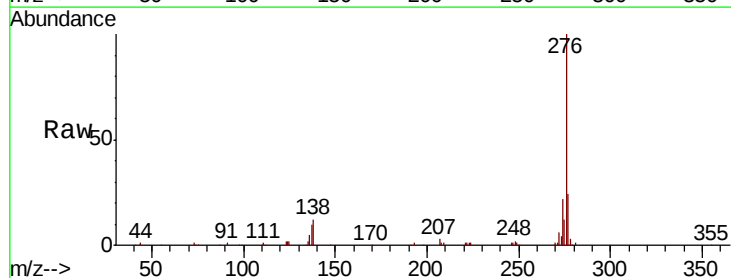
Tgt Ion:276 Resp: 269436

Ion Ratio Lower Upper

276 100

277 23.6 20.3 30.5

138 12.0 9.4 14.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

